

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF100R-40 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.57 inches                                     |                             |
| Width               | 0.56 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 100 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.16 $\Omega$                                   |                             |
| Max Current         | 1600 mA                                         |                             |
| Inc Current         | 1100 mA                                         |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF100R-50 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.7 inches                                      |                             |
| Width               | 0.67 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 100 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.06 $\Omega$                                   |                             |
| Max Current         | 3140 mA                                         |                             |
| Inc Current         | 1500 mA                                         |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                   |                                                 |                             |
|-------------------|-------------------------------------------------|-----------------------------|
| Part PTHF10R-50SM |                                                 | <a href="#">Check Stock</a> |
| Series            | <a href="#">PTHFR-SM</a>                        |                             |
| Type              | Power Inductors                                 |                             |
| Description       | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting          | Surface Mount                                   |                             |
| Shielded          | Yes                                             |                             |
| QPL               | No                                              |                             |
| COTS              | No                                              |                             |
| ROHS              | Yes                                             |                             |
| MIL No.           | Not Applicable                                  |                             |
| Length            | 0.7 inches                                      |                             |
| Width             | 0.67 inches                                     |                             |
| Height            | 0.4 inches                                      |                             |
| Lead Length       |                                                 |                             |
| Weight            |                                                 |                             |
| Inductance        | 10 $\mu$ H                                      |                             |
| Tolerance         | $\pm$ 10                                        |                             |
| Q                 |                                                 |                             |
| SRF               |                                                 |                             |
| DCR               | 0.01 $\Omega$                                   |                             |
| Max Current       | 7360 mA                                         |                             |
| Inc Current       | 6000 mA                                         |                             |
| Inc Current %     | 10 %                                            |                             |
| Ind Test Freq     | 0.001 MHz                                       |                             |
| Q Test Freq       |                                                 |                             |
| Core              | High Saturation                                 |                             |
| Sleeve            | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF50R-40 SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.57 inches                                     |                             |
| Width              | 0.56 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 50 $\mu$ H                                      |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.11 $\Omega$                                   |                             |
| Max Current        | 1900 mA                                         |                             |
| Inc Current        | 1700 mA                                         |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF25R-50 SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.7 inches                                      |                             |
| Width              | 0.67 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 25 $\mu$ H                                      |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.02 $\Omega$                                   |                             |
| Max Current        | 5200 mA                                         |                             |
| Inc Current        | 3600 mA                                         |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

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|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF25R-30 SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.44 inches                                     |                             |
| Width              | 0.44 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 25 $\mu$ H                                      |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.07 $\Omega$                                   |                             |
| Max Current        | 2160 mA                                         |                             |
| Inc Current        | 1400 mA                                         |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF25R-40 SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHFR-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.57 inches                                     |                             |
| Width              | 0.56 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 25 $\mu$ H                                      |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.04 $\Omega$                                   |                             |
| Max Current        | 3380 mA                                         |                             |
| Inc Current        | 2200 mA                                         |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF10R-180SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.34 inches                                     |                             |
| Width              | 0.34 inches                                     |                             |
| Height             | 0.3 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 10 $\mu$ H                                      |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.1 $\Omega$                                    |                             |
| Max Current        | 1600 mA                                         |                             |
| Inc Current        | 900 mA                                          |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF50R-180SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.34 inches                                     |                             |
| Width              | 0.34 inches                                     |                             |
| Height             | 0.3 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 50 $\mu$ H                                      |                             |
| Tolerance          | $\pm$ 10                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.21 $\Omega$                                   |                             |
| Max Current        | 1120 mA                                         |                             |
| Inc Current        | 400 mA                                          |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

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|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF50R-50 SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.7 inches                                      |                             |
| Width              | 0.67 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 50 $\mu$ H                                      |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.04 $\Omega$                                   |                             |
| Max Current        | 3930 mA                                         |                             |
| Inc Current        | 2000 mA                                         |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF10R-30 SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.44 inches                                     |                             |
| Width              | 0.44 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 10 $\mu$ H                                      |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.05 $\Omega$                                   |                             |
| Max Current        | 2560 mA                                         |                             |
| Inc Current        | 2200 mA                                         |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF50R-30 SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHFR-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.44 inches                                     |                             |
| Width              | 0.44 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 50 $\mu$ H                                      |                             |
| Tolerance          | $\pm$ 10                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.1 $\Omega$                                    |                             |
| Max Current        | 1810 mA                                         |                             |
| Inc Current        | 1200 mA                                         |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                   |                                                 |                             |
|-------------------|-------------------------------------------------|-----------------------------|
| Part PTHF10R-40SM |                                                 | <a href="#">Check Stock</a> |
| Series            | <a href="#">PTHFR-SM</a>                        |                             |
| Type              | Power Inductors                                 |                             |
| Description       | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting          | Surface Mount                                   |                             |
| Shielded          | Yes                                             |                             |
| QPL               | No                                              |                             |
| COTS              | No                                              |                             |
| ROHS              | Yes                                             |                             |
| MIL No.           | Not Applicable                                  |                             |
| Length            | 0.57 inches                                     |                             |
| Width             | 0.56 inches                                     |                             |
| Height            | 0.4 inches                                      |                             |
| Lead Length       |                                                 |                             |
| Weight            |                                                 |                             |
| Inductance        | 10 $\mu$ H                                      |                             |
| Tolerance         | $\pm 10$                                        |                             |
| Q                 |                                                 |                             |
| SRF               |                                                 |                             |
| DCR               | 0.02 $\Omega$                                   |                             |
| Max Current       | 4840 mA                                         |                             |
| Inc Current       | 3800 mA                                         |                             |
| Inc Current %     | 10 %                                            |                             |
| Ind Test Freq     | 0.001 MHz                                       |                             |
| Q Test Freq       |                                                 |                             |
| Core              | High Saturation                                 |                             |
| Sleeve            | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF25R-180 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.34 inches                                     |                             |
| Width               | 0.34 inches                                     |                             |
| Height              | 0.3 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 25 $\mu$ H                                      |                             |
| Tolerance           | $\pm$ 10                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.15 $\Omega$                                   |                             |
| Max Current         | 1330 mA                                         |                             |
| Inc Current         | 600 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF250R-40 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHFR-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.57 inches                                     |                             |
| Width               | 0.56 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 250 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.36 $\Omega$                                   |                             |
| Max Current         | 1050 mA                                         |                             |
| Inc Current         | 700 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF150R-40 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.57 inches                                     |                             |
| Width               | 0.56 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 150 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.19 $\Omega$                                   |                             |
| Max Current         | 1450 mA                                         |                             |
| Inc Current         | 900 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF150R-50 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.7 inches                                      |                             |
| Width               | 0.67 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 150 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.1 $\Omega$                                    |                             |
| Max Current         | 2330 mA                                         |                             |
| Inc Current         | 1200 mA                                         |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                   |                                                 |                             |
|-------------------|-------------------------------------------------|-----------------------------|
| Part PTHF75R-50SM |                                                 | <a href="#">Check Stock</a> |
| Series            | <a href="#">PTHER-SM</a>                        |                             |
| Type              | Power Inductors                                 |                             |
| Description       | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting          | Surface Mount                                   |                             |
| Shielded          | Yes                                             |                             |
| QPL               | No                                              |                             |
| COTS              | No                                              |                             |
| ROHS              | Yes                                             |                             |
| MIL No.           | Not Applicable                                  |                             |
| Length            | 0.7 inches                                      |                             |
| Width             | 0.67 inches                                     |                             |
| Height            | 0.4 inches                                      |                             |
| Lead Length       |                                                 |                             |
| Weight            |                                                 |                             |
| Inductance        | 75 $\mu$ H                                      |                             |
| Tolerance         | $\pm 10$                                        |                             |
| Q                 |                                                 |                             |
| SRF               |                                                 |                             |
| DCR               | 0.05 $\Omega$                                   |                             |
| Max Current       | 3470 mA                                         |                             |
| Inc Current       | 1600 mA                                         |                             |
| Inc Current %     | 10 %                                            |                             |
| Ind Test Freq     | 0.001 MHz                                       |                             |
| Q Test Freq       |                                                 |                             |
| Core              | High Saturation                                 |                             |
| Sleeve            | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF200R-40 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHFR-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.57 inches                                     |                             |
| Width               | 0.56 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 200 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.32 $\Omega$                                   |                             |
| Max Current         | 1120 mA                                         |                             |
| Inc Current         | 700 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF200R-30 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.44 inches                                     |                             |
| Width               | 0.44 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 200 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.3 $\Omega$                                    |                             |
| Max Current         | 1040 mA                                         |                             |
| Inc Current         | 500 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                   |                                                 |             |
|-------------------|-------------------------------------------------|-------------|
| Part PTHF75R-40SM |                                                 | Check Stock |
| Series            | <a href="#">PTHFR-SM</a>                        |             |
| Type              | Power Inductors                                 |             |
| Description       | Surface Mount<br>Toroidal Power<br>Choke - RoHS |             |
| Mounting          | Surface Mount                                   |             |
| Shielded          | Yes                                             |             |
| QPL               | No                                              |             |
| COTS              | No                                              |             |
| ROHS              | Yes                                             |             |
| MIL No.           | Not Applicable                                  |             |
| Length            | 0.57 inches                                     |             |
| Width             | 0.56 inches                                     |             |
| Height            | 0.4 inches                                      |             |
| Lead Length       |                                                 |             |
| Weight            |                                                 |             |
| Inductance        | 75 $\mu$ H                                      |             |
| Tolerance         | $\pm 10$                                        |             |
| Q                 |                                                 |             |
| SRF               |                                                 |             |
| DCR               | 0.14 $\Omega$                                   |             |
| Max Current       | 1690 mA                                         |             |
| Inc Current       | 1300 mA                                         |             |
| Inc Current %     | 10 %                                            |             |
| Ind Test Freq     | 0.001 MHz                                       |             |
| Q Test Freq       |                                                 |             |
| Core              | High Saturation                                 |             |
| Sleeve            | Toroid Core                                     |             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF75R-30 SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHFR-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.44 inches                                     |                             |
| Width              | 0.44 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 75 $\mu$ H                                      |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.13 $\Omega$                                   |                             |
| Max Current        | 1620 mA                                         |                             |
| Inc Current        | 800 mA                                          |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF75R-180SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.34 inches                                     |                             |
| Width              | 0.34 inches                                     |                             |
| Height             | 0.3 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 75 $\mu$ H                                      |                             |
| Tolerance          | $\pm$ 10                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.26 $\Omega$                                   |                             |
| Max Current        | 990 mA                                          |                             |
| Inc Current        | 300 mA                                          |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF200R-50 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.7 inches                                      |                             |
| Width               | 0.67 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 200 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.14 $\Omega$                                   |                             |
| Max Current         | 1970 mA                                         |                             |
| Inc Current         | 1000 mA                                         |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF250R-30 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHFR-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.44 inches                                     |                             |
| Width               | 0.44 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 250 $\mu$ H                                     |                             |
| Tolerance           | $\pm$ 10                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.36 $\Omega$                                   |                             |
| Max Current         | 960 mA                                          |                             |
| Inc Current         | 500 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF150R-30SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHER-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.44 inches                                     |                             |
| Width              | 0.44 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 150 $\mu$ H                                     |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.19 $\Omega$                                   |                             |
| Max Current        | 1330 mA                                         |                             |
| Inc Current        | 600 mA                                          |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF250R-50 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHFR-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.7 inches                                      |                             |
| Width               | 0.67 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 250 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.16 $\Omega$                                   |                             |
| Max Current         | 1840 mA                                         |                             |
| Inc Current         | 900 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF330R-50 SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.7 inches                                      |                             |
| Width               | 0.67 inches                                     |                             |
| Height              | 0.4 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 330 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.19 $\Omega$                                   |                             |
| Max Current         | 1690 mA                                         |                             |
| Inc Current         | 800 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                     |                                                 |                             |
|---------------------|-------------------------------------------------|-----------------------------|
| Part PTHF100R-180SM |                                                 | <a href="#">Check Stock</a> |
| Series              | <a href="#">PTHER-SM</a>                        |                             |
| Type                | Power Inductors                                 |                             |
| Description         | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting            | Surface Mount                                   |                             |
| Shielded            | Yes                                             |                             |
| QPL                 | No                                              |                             |
| COTS                | No                                              |                             |
| ROHS                | Yes                                             |                             |
| MIL No.             | Not Applicable                                  |                             |
| Length              | 0.34 inches                                     |                             |
| Width               | 0.34 inches                                     |                             |
| Height              | 0.3 inches                                      |                             |
| Lead Length         |                                                 |                             |
| Weight              |                                                 |                             |
| Inductance          | 100 $\mu$ H                                     |                             |
| Tolerance           | $\pm 10$                                        |                             |
| Q                   |                                                 |                             |
| SRF                 |                                                 |                             |
| DCR                 | 0.3 $\Omega$                                    |                             |
| Max Current         | 920 mA                                          |                             |
| Inc Current         | 300 mA                                          |                             |
| Inc Current %       | 10 %                                            |                             |
| Ind Test Freq       | 0.001 MHz                                       |                             |
| Q Test Freq         |                                                 |                             |
| Core                | High Saturation                                 |                             |
| Sleeve              | Toroid Core                                     |                             |

|                    |                                                 |                             |
|--------------------|-------------------------------------------------|-----------------------------|
| Part PTHF100R-30SM |                                                 | <a href="#">Check Stock</a> |
| Series             | <a href="#">PTHFR-SM</a>                        |                             |
| Type               | Power Inductors                                 |                             |
| Description        | Surface Mount<br>Toroidal Power<br>Choke - RoHS |                             |
| Mounting           | Surface Mount                                   |                             |
| Shielded           | Yes                                             |                             |
| QPL                | No                                              |                             |
| COTS               | No                                              |                             |
| ROHS               | Yes                                             |                             |
| MIL No.            | Not Applicable                                  |                             |
| Length             | 0.44 inches                                     |                             |
| Width              | 0.44 inches                                     |                             |
| Height             | 0.4 inches                                      |                             |
| Lead Length        |                                                 |                             |
| Weight             |                                                 |                             |
| Inductance         | 100 $\mu$ H                                     |                             |
| Tolerance          | $\pm 10$                                        |                             |
| Q                  |                                                 |                             |
| SRF                |                                                 |                             |
| DCR                | 0.15 $\Omega$                                   |                             |
| Max Current        | 1500 mA                                         |                             |
| Inc Current        | 600 mA                                          |                             |
| Inc Current %      | 10 %                                            |                             |
| Ind Test Freq      | 0.001 MHz                                       |                             |
| Q Test Freq        |                                                 |                             |
| Core               | High Saturation                                 |                             |
| Sleeve             | Toroid Core                                     |                             |

## Parts

PTHF100R-180SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF100R-30SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF100R-40SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF100R-50SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF10R-180SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF10R-30SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF10R-40SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF10R-50SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF150R-30SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF150R-40SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF150R-50SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF200R-30SM Surface Mount Toroidal Power Choke - RoHS  
 PTHF200R-40SM Surface Mount Toroidal Power Choke - RoHS

|               |                                           |
|---------------|-------------------------------------------|
| PTHF200R-50SM | Surface Mount Toroidal Power Choke - RoHS |
| PTHF250R-30SM | Surface Mount Toroidal Power Choke - RoHS |
| PTHF250R-40SM | Surface Mount Toroidal Power Choke - RoHS |
| PTHF250R-50SM | Surface Mount Toroidal Power Choke - RoHS |
| PTHF25R-180SM | Surface Mount Toroidal Power Choke - RoHS |
| PTHF25R-30SM  | Surface Mount Toroidal Power Choke - RoHS |
| PTHF25R-40SM  | Surface Mount Toroidal Power Choke - RoHS |
| PTHF25R-50SM  | Surface Mount Toroidal Power Choke - RoHS |
| PTHF330R-50SM | Surface Mount Toroidal Power Choke - RoHS |
| PTHF50R-180SM | Surface Mount Toroidal Power Choke - RoHS |
| PTHF50R-30SM  | Surface Mount Toroidal Power Choke - RoHS |
| PTHF50R-40SM  | Surface Mount Toroidal Power Choke - RoHS |
| PTHF50R-50SM  | Surface Mount Toroidal Power Choke - RoHS |
| PTHF75R-180SM | Surface Mount Toroidal Power Choke - RoHS |
| PTHF75R-30SM  | Surface Mount Toroidal Power Choke - RoHS |
| PTHF75R-40SM  | Surface Mount Toroidal Power Choke - RoHS |
| PTHF75R-50SM  | Surface Mount Toroidal Power Choke - RoHS |