

## DC-DC Converters

Digital Equipment and OA Equipment



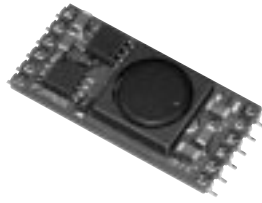
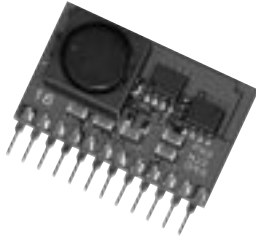
### ● Specification

| Part Number      | Input Voltage (V) | Output 1                  | Output 2                | Shape | Dimensions (mm)<br>H×L×T |
|------------------|-------------------|---------------------------|-------------------------|-------|--------------------------|
| <b>MPD0S001S</b> | 3.0 to 3.6        | 5V/0.12A                  | —                       | SIP   | 13×26×7                  |
| <b>MPD6S012S</b> | 3.0 to 5.5        | 1.1 to 3.6V variable/3A   | —                       | SIP   | 21×21×9                  |
| <b>MPD6L002S</b> | 3.0 to 5.5        | 1.1 to 3.6V variable/3A   | 1.8 to 3.6V variable/1A | SMD   | 8×32.4×23.7              |
| <b>MPD5S021S</b> | 4.5 to 16.0       | 3.3V/3A                   | —                       | SIP   | 21×50×14                 |
| <b>MPD5S018S</b> | 4.5 to 5.5        | 15.4V/0.6A (*1)           | —                       | SIP   | 17×50×14                 |
| <b>MPD3S010S</b> | 11.4 to 12.6      | 3.4V/1.2A                 | —                       | SIP   | 16×50×11                 |
| <b>MPD6S001S</b> | 11.4 to 12.6      | 9V/1.2A                   | —                       | SIP   | 16×50×11                 |
| <b>MPD4S007S</b> | 16 to 18          | 3.3V/1.1A                 | 1.845V/0.5A             | SIP   | 23×33.5×10               |
| <b>MPD6S019S</b> | 4.5 to 5.5        | 1.1 to 3.6V variable/4.5A | —                       | SIP   | 30×28×11                 |

\*1 Derating needs more than 60°C.

## DC-DC Converters

Communication Equipment (Non-Isolation Type)

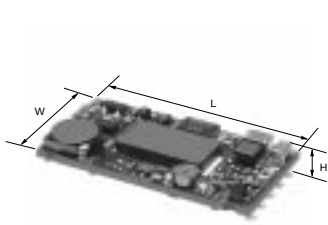


### ● Specification

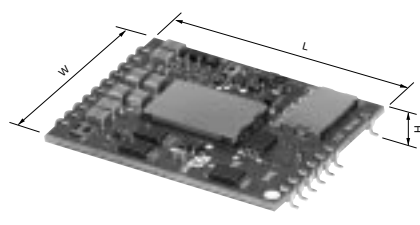
| Part Number | Input Voltage (V) | Output Voltage (V)      | Output Current (A) | Shape | Dimensions (mm)<br>L×W×H | Application                                   |
|-------------|-------------------|-------------------------|--------------------|-------|--------------------------|-----------------------------------------------|
| MPDTY011S   | 3.3               | 1.0                     | 6                  | SIP   | 33.0×5.8×24.0            | Server<br>Router<br>Transfer Equipment<br>BTS |
| MPDTY012S   |                   | 1.2                     |                    |       |                          |                                               |
| MPDTY013S   |                   | 1.5                     |                    |       |                          |                                               |
| MPDTY014S   |                   | 1.8                     |                    |       |                          |                                               |
| MPDTY015S   |                   | 2.0                     |                    |       |                          |                                               |
| MPDTY016S   |                   | 2.5                     |                    |       |                          |                                               |
| MPDTY021S   | 5.0               | 1.0                     | 6                  |       |                          |                                               |
| MPDTY022S   |                   | 1.2                     |                    |       |                          |                                               |
| MPDTY023S   |                   | 1.5                     |                    |       |                          |                                               |
| MPDTY024S   |                   | 1.8                     |                    |       |                          |                                               |
| MPDTY025S   |                   | 2.0                     |                    |       |                          |                                               |
| MPDTY026S   |                   | 2.5                     |                    |       |                          |                                               |
| MPDTY027S   |                   | 3.3                     |                    |       |                          |                                               |
| MPDTY111S   | 3.3               | 1.0                     | 6                  | SMD   | 33.8×15.4×6.0            |                                               |
| MPDTY112S   |                   | 1.2                     |                    |       |                          |                                               |
| MPDTY113S   |                   | 1.5                     |                    |       |                          |                                               |
| MPDTY114S   |                   | 1.8                     |                    |       |                          |                                               |
| MPDTY115S   |                   | 2.0                     |                    |       |                          |                                               |
| MPDTY116S   |                   | 2.5                     |                    |       |                          |                                               |
| MPDTY121S   | 5.0               | 1.0                     | 6                  |       |                          |                                               |
| MPDTY122S   |                   | 1.2                     |                    |       |                          |                                               |
| MPDTY123S   |                   | 1.5                     |                    |       |                          |                                               |
| MPDTY124S   |                   | 1.8                     |                    |       |                          |                                               |
| MPDTY125S   |                   | 2.0                     |                    |       |                          |                                               |
| MPDTY126S   |                   | 2.5                     |                    |       |                          |                                               |
| MPDTY127S   |                   | 3.3                     |                    |       |                          |                                               |
| MPDTY102S   | 2.97 to 5.5       | 0.8 to Vin-0.5 Variable | 2                  | SMD   | 21.3×16.4×4.2            |                                               |
| MPDTY301S   | 5.0               | 0.8 to 3.3 Variable     | 7                  | SMD   | 27.8×15.4×4.2            |                                               |
| MPDTY302S   | 3.3               | 0.8 to 2.5 Variable     |                    |       |                          |                                               |
| MPDTY303S   | 6.5 to 14         | 0.8 to 5.5 Variable     | 8                  |       |                          |                                               |
| MPDTY311S   | 5.0               | 0.8 to 3.3 Variable     | 16                 |       |                          |                                               |
| MPDTY312S   | 3.3               | 0.8 to 2.5 Variable     |                    |       |                          |                                               |
| MPDTY411S   | 5.0               | 0.8 to 3.3 Variable     | 7                  | SMD   | 20.3×11.4×6.2            |                                               |
| MPDTY412S   | 3.3               | 0.8 to 2.5 Variable     |                    |       |                          |                                               |
| MPDRX002S   | 3.0 to 5.5        | 0.8 to 1.8 Variable     | 16                 | SMD   | 33.0×13.5×8.0            |                                               |
| MPDRX004S   | 7.0 to 14.0       | 0.8 to 1.8 Variable     | 12                 |       |                          |                                               |

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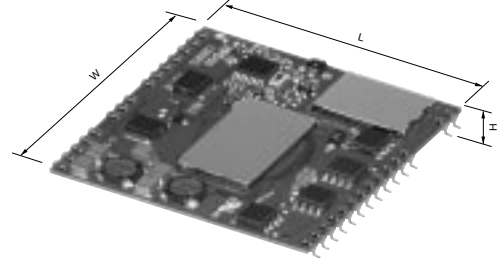
Communication Equipment (Isolation Type)



MPD5D01\*S Series



MPD6D10\*S/11\*S/00\*S Series

MPD6D12\*S Series  
MPD7D01\*S Series

## ● Specification

| Power (W) | Number of Output | Part Number      | Input Voltage (V) | Output Voltage (V) | Output Current (A) | Dimensions (mm)<br>L×W×H | Weight (g) |
|-----------|------------------|------------------|-------------------|--------------------|--------------------|--------------------------|------------|
| 5         | 1                | MPD5D01*S Series | 48                | 3.3                | 1.5                | 26.8×14.6×4.2            | 8          |
| 10        |                  |                  |                   | MPD6D10*S Series   | 5.0                |                          |            |
|           |                  | 1.5              |                   |                    | 3.5                | 39.9×22.4×4.0            |            |
|           |                  | 1.8              |                   |                    | 3                  |                          |            |
|           |                  | 2.5              |                   |                    |                    |                          |            |
|           |                  | 3.3              |                   |                    |                    |                          |            |
| 5.0       |                  | 2                |                   | 39.9×31.2×4.0      | 10                 |                          |            |
| 15        |                  | MPD6D11*S Series |                   |                    |                    | 1.5                      | 5.2        |
|           |                  |                  |                   |                    |                    | 1.8                      | 4.5        |
|           |                  |                  |                   |                    |                    | 2.5                      |            |
|           |                  |                  |                   |                    |                    | 3.3                      |            |
| 5.0       |                  | 3                |                   | 39.9×31.2×4.5      | 12                 |                          |            |
| 20        |                  | MPD6D00*S Series |                   |                    |                    | 1.5                      | 8          |
|           |                  |                  |                   |                    |                    | 1.8                      |            |
|           |                  |                  |                   |                    |                    | 2.5                      | 7          |
|           |                  |                  |                   |                    |                    | 3.3                      | 6          |
| 30        |                  | MPD6D12*S Series |                   | 5.0                | 4                  | 45.0×45.0×4.2            | 18         |
|           |                  |                  |                   | 1.5                | 11                 |                          |            |
|           |                  |                  |                   | 1.8                |                    |                          |            |
|           |                  |                  |                   | 2.5                | 10                 |                          |            |
|           |                  |                  |                   | 3.3                | 9                  |                          |            |
| 50        |                  | MPD7D01*S Series |                   | 5.0                | 6                  | 45.0×45.0×4.5            | 18         |
|           |                  |                  |                   | 3.3                | 15                 |                          |            |
|           |                  |                  |                   | 5.0                | 10                 |                          |            |

Minimum Order Quantity : 1,000 pcs.