



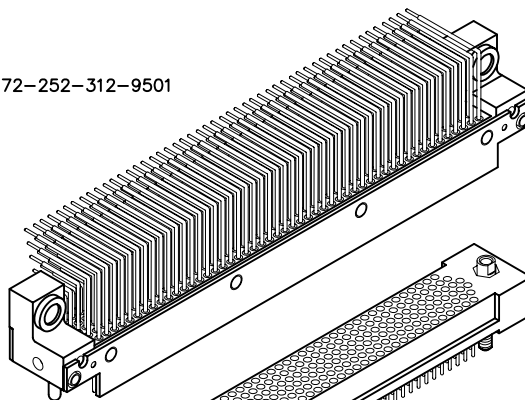
# 6 • ROW Daughterboard to Motherboard or Chassis

.075"

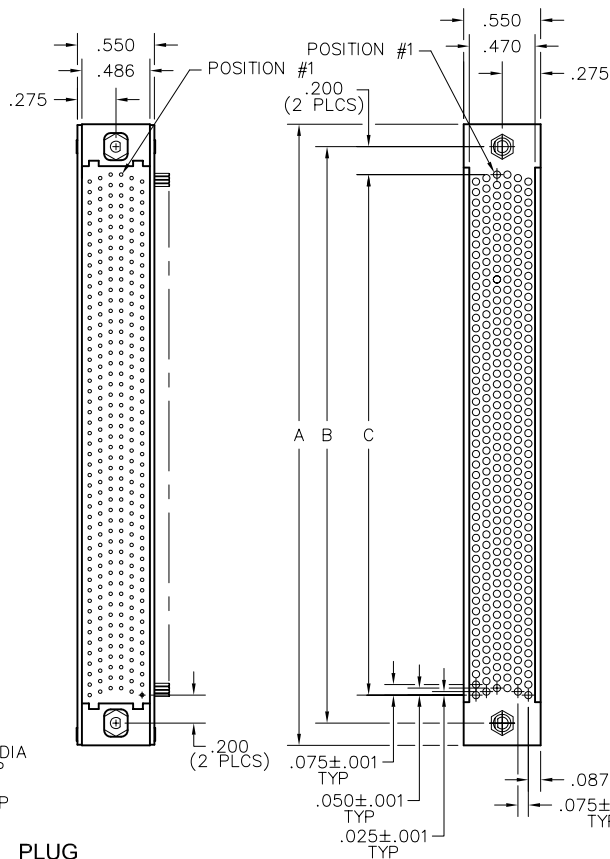
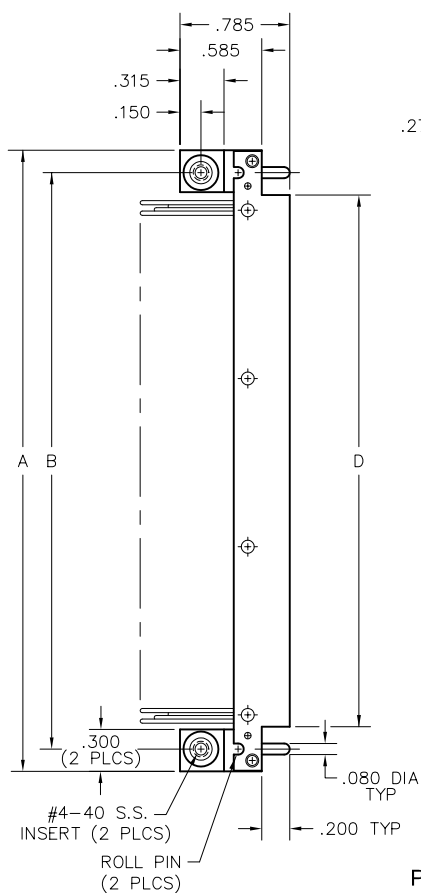
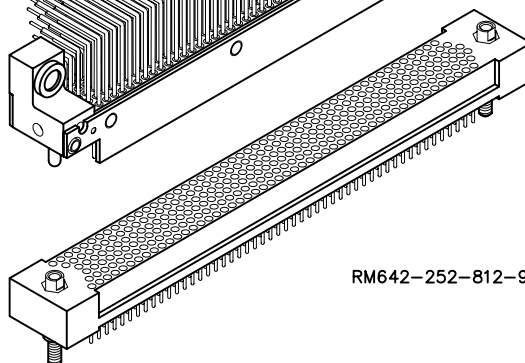
**RM6**

162 thru 402 Contacts

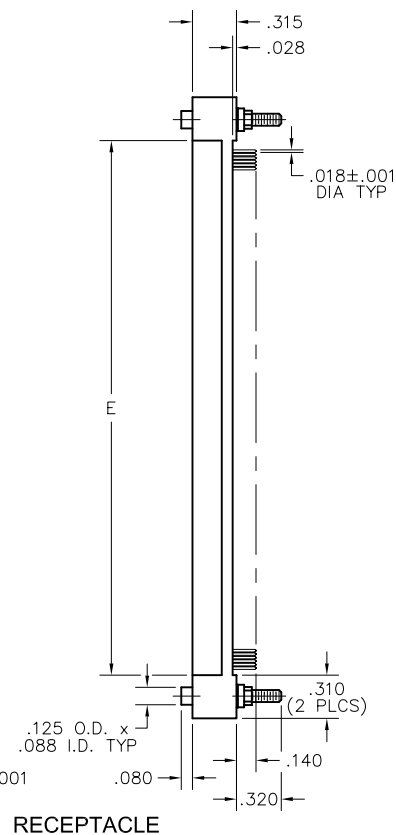
RM672-252-312-9501



RM642-252-812-9601



PLUG



RECEPTACLE

| DIMENSIONS |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|
| SIZE       | A     | B     | C     | D     | E     |
| 162        | 2.720 | 2.400 | 2.000 | 2.080 | 2.100 |
| 204        | 3.245 | 2.925 | 2.525 | 2.605 | 2.625 |
| 252        | 3.845 | 3.525 | 3.125 | 3.205 | 3.225 |
| 300        | 4.445 | 4.125 | 3.725 | 3.805 | 3.825 |
| 360        | 5.195 | 4.875 | 4.475 | 4.550 | 4.575 |
| 402        | 5.720 | 5.400 | 5.000 | 5.080 | 5.100 |

**PLUG:** RM672-252-312-9501  
**RECEPTACLE:** RM642-252-812-9601  
 XXXXX-XXX-XXX-XXXX

# PLUG

# RECEPTACLE

## SERIES

RM .075" Screw Machine PC Connector | RM .075" Screw Machine PC Connector

## BODY

|                       |                                       |                       |                                          |
|-----------------------|---------------------------------------|-----------------------|------------------------------------------|
| 6                     | 6-Row                                 | 6                     | 6-Row                                    |
| <b>BODY STYLE:</b>    |                                       | <b>BODY STYLE:</b>    |                                          |
| 7                     | Plug, right angle, with mounting ears | 4                     | Receptacle, straight, with mounting ears |
| <b>BODY MATERIAL:</b> |                                       | <b>BODY MATERIAL:</b> |                                          |
| 2                     | Polyphenylene sulfide (PPS)           | 2                     | Polyphenylene sulfide (PPS)              |

## SIZE

162, 204, 252, 300, 360, 402 | 162, 204, 252, 300, 360, 402

## CONTACTS

|                                    |                                                 |                                    |                                                               |
|------------------------------------|-------------------------------------------------|------------------------------------|---------------------------------------------------------------|
| <b>TYPE CONTACTS/TERMINATIONS:</b> |                                                 | <b>TYPE CONTACTS/TERMINATIONS:</b> |                                                               |
| 31                                 | Pin, right angle, dip solder, .109" x .019" dia | 75                                 | Socket, straight, dip solder, .250" x .018" dia               |
| 32                                 | Pin, right angle, dip solder, .140" x .019" dia | 76                                 | Socket, straight, solder cup                                  |
| 33                                 | Pin, right angle, dip solder, .172" x .019" dia | 77                                 | Socket, straight, flex, .093" x .017" dia                     |
| 34                                 | Pin, right angle, dip solder, .250" x .019" dia | 81                                 | Socket, straight, dip solder, .109" x .018" dia               |
|                                    |                                                 | 82                                 | Socket, straight, dip solder, .140" x .018" dia               |
|                                    |                                                 | 83                                 | Socket, straight, dip solder, .172" x .018" dia               |
|                                    |                                                 | 87                                 | Socket, straight, press-fit, .188" (Board: .093" - .125" thk) |
|                                    |                                                 | 88                                 | Socket, straight, press-fit, .308" (Board: .156" - .200" thk) |
|                                    |                                                 | 89                                 | Socket, straight, press-fit, .388" (Board: .250"+ thk)        |

|                         |                                                                        |                         |                                                                                                  |
|-------------------------|------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------|
| <b>PLATING OPTIONS:</b> |                                                                        | <b>PLATING OPTIONS:</b> |                                                                                                  |
| 1                       | Gold plated termination                                                | 1                       | Gold plated termination                                                                          |
| 2                       | Pre-tinned termination, SnPb alloy <input checked="" type="checkbox"/> | 2                       | Pre-tinned termination, SnPb alloy (dip solder options only) <input checked="" type="checkbox"/> |
| 3                       | Pre-tinned termination, SAC305 alloy                                   | 3                       | Pre-tinned termination, SAC305 alloy (dip solder options only)                                   |

## HARDWARE

|                           |                                    |                           |                                                              |
|---------------------------|------------------------------------|---------------------------|--------------------------------------------------------------|
| <b>STYLE OF HARDWARE:</b> |                                    | <b>STYLE OF HARDWARE:</b> |                                                              |
| 0256                      | None                               | 0256                      | None                                                         |
| 83                        | Fixed jackset, reversed, installed | 82                        | Hex turning jackset, reversed, installed, .200 knob          |
| 90                        | Guide pins, full round, installed  | 83                        | Fixed jackset, reversed, installed, #2-56 x .247" thd ext    |
| 93                        | Fixed jackset, installed           | 84                        | Fixed jackset, reversed, installed, #2-56 x .320" thd ext    |
| 95                        | Guide pins, polarized, unassembled | 91                        | Guide sockets, full round, installed, #2-56 x .247" thd ext  |
| 9501 - 9536               | Guide pins, polarized, installed   | 92                        | Hex turning jackset, installed, .200 knob                    |
| 99                        | Guide pins, universal, installed   | 93                        | Fixed jackset, installed, #2-56 x .247" thd ext              |
|                           |                                    | 94                        | Fixed jackset, installed, #2-56 x .320" thd ext              |
|                           |                                    | 96                        | Guide sockets, polarized, unassembled, #2-56 x .320" thd ext |
|                           |                                    | 9601 - 9636               | Guide sockets, polarized, installed, #2-56 x .320" thd ext   |
|                           |                                    | 97                        | Guide sockets, polarized, unassembled, #2-56 x .247" thd ext |
|                           |                                    | 9701 - 9736               | Guide sockets, polarized, installed, #2-56 x .247" thd ext   |
|                           |                                    | 98                        | Guide sockets, universal, installed, #2-56 x .247" thd ext   |

|                      |                                                |                      |                                                |
|----------------------|------------------------------------------------|----------------------|------------------------------------------------|
| <b>POLARIZATION:</b> |                                                | <b>POLARIZATION:</b> |                                                |
| 00                   | None                                           | 00                   | None                                           |
| 01                   | thru 36 are special identifiers, see page R-57 | 01                   | thru 36 are special identifiers, see page R-57 |

☒ = Option not RoHS compliant