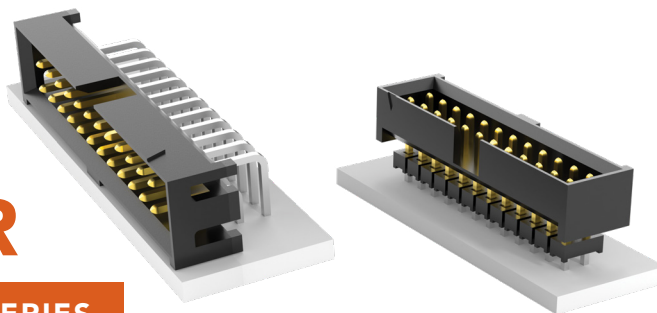


# SHROUDED IDC HEADER & STACKER

(2.00 mm) .0787" PITCH • STMM/ZSTMM SERIES



## STMM/ZSTMM

### Mates:

TCSD (except -SR)

### SPECIFICATIONS

#### Insulator Material:

Black Liquid Crystal Polymer

#### Terminal Material:

Phosphor Bronze

#### Plating:

Sn or Au over  
50  $\mu$ " (1.27  $\mu$ m) Ni

#### Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C with Gold

#### Current Rating (STMM/TCSD):

2.8 A per pin

(2 pins powered)

#### Voltage Rating:

300 VAC/424 VDC

### PROCESSING

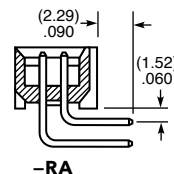
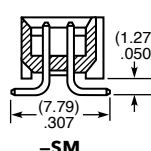
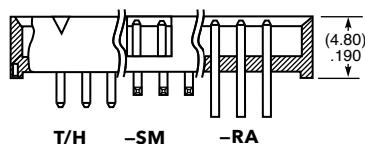
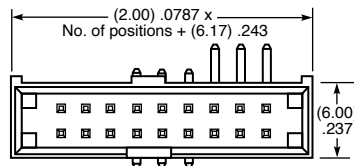
#### Lead-Free Solderable:

Yes

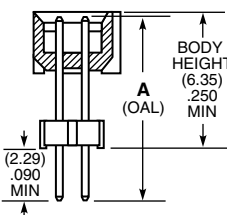
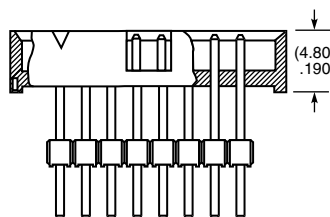
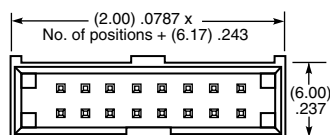
#### SMT Lead Coplanarity:

(0.10 mm) .004" max

| STMM | 1 | NO. PINS PER ROW                                                                    | 02 | PLATING OPTION                                                                                                                                              | D | TAIL OPTION                                                                                  | OTHER OPTION                                                                                                                                                                                                                                                                                                                                                            |
|------|---|-------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |   | 04, 05, 06,<br>07, 08, 10,<br>12, 13, 14, 15,<br>17, 20, 22, 25<br>(Standard sizes) |    | -F<br>= Gold flash<br>on post,<br>Matte Tin on tail<br><br>-L<br>= 10 $\mu$ " (0.25 $\mu$ m)<br>Gold on post,<br>Matte Tin on tail<br><br>-T<br>= Matte Tin |   | Leave blank for<br>Through-hole<br><br>-RA<br>= Right-angle<br><br>-SM<br>= Surface<br>Mount | - "XX"<br>= Polarized Position<br><br>-LC<br>= Locking Clip<br>(-SM only)<br>(Manual placement<br>required)<br><br>-K<br>= (7.50 mm) .295" DIA<br>Film Pick & Place Pad<br>(-SM only)<br><br>-TR<br>= Tape & Reel<br>(-SM only)<br><br>-FR<br>= Full Reel Tape & Reel<br>(must order max.<br>quantity per reel;<br>contact Samtec for<br>quantity breaks)<br>(-SM only) |



| ZSTMM | 1 | NO. PINS PER ROW                                                                    | LEAD STYLE                                | PLATING OPTION                                                                                                                                                 | D | BODY HEIGHT                 | OTHER OPTION                      |
|-------|---|-------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------|-----------------------------------|
|       |   | 04, 05, 06,<br>07, 08, 10,<br>12, 13, 14, 15,<br>17, 20, 22, 25<br>(Standard sizes) | Specify<br>LEAD<br>STYLE<br>from<br>chart | -F<br>= Gold flash<br>on post,<br>Matte Tin<br>on tail<br><br>-L<br>= 10 $\mu$ " (0.25 $\mu$ m)<br>Gold on post,<br>Matte Tin on tail<br><br>-T<br>= Matte Tin |   | - "XXX"<br>= Body<br>Height | - "XX"<br>= Polarized<br>Position |



| LEAD STYLE | A (OAL)       | MAX BODY HEIGHT |
|------------|---------------|-----------------|
| -75        | (9.58) 0.377  | (7.42) 0.292    |
| -62        | (10.08) 0.397 | (7.92) 0.312    |
| -65        | (10.49) 0.413 | (8.33) 0.328    |
| -73        | (12.09) 0.476 | (9.93) 0.391    |
| -63        | (14.10) 0.555 | (11.94) 0.470   |
| -66        | (15.09) 0.594 | (12.93) 0.509   |
| -69        | (15.60) 0.614 | (13.44) 0.529   |
| -74        | (17.09) 0.673 | (14.94) 0.588   |
| -70        | (17.60) 0.693 | (15.44) 0.608   |
| -71        | (21.08) 0.830 | (18.92) 0.745   |
| -72        | (21.62) 0.851 | (19.46) 0.766   |

### ALSO AVAILABLE

Contact Samtec

Other sizes

Other platings

### Notes:

For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact [ipg@samtec.com](mailto:ipg@samtec.com) for more information.

This Series is non-standard, non-returnable.