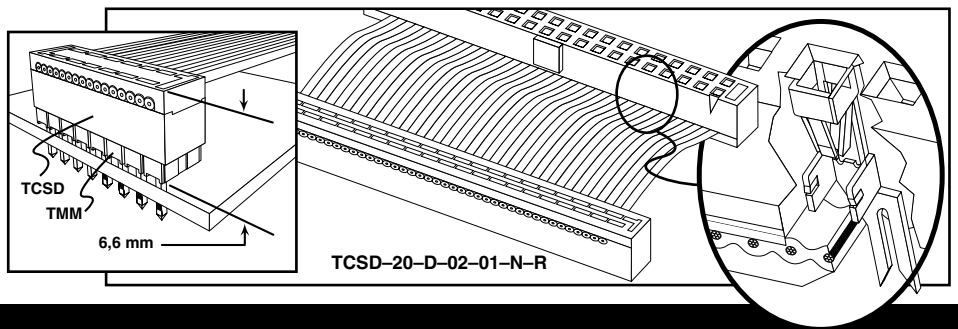


# samtec



## 2mm IDC CABLE STRIPS TCSD SERIES

**Mates with:**  
TMM, TMMH, STMM,  
MMT, TW, MTMM, EHT

### FEATURES

- Low profile, only 5mm (.200") assembled height
- Four-finger contacts optimize normal, insertion and withdrawal forces
- Ask about our custom IDC design capabilities

### SPECIFICATIONS

For complete specifications see [www.samtec.com?TCSD](http://www.samtec.com?TCSD)

#### Insulator Material:

Black Glass Filled Polyester

#### Contact:

BeCu

#### Current Rating:

1A

#### Operating Temp Range:

-40°C to +105°C

#### Plating:

Au or Sn over 50µ" (1,27µm) Ni

#### Lead Size Accepted:

(0,48mm) .019" to (0,53mm) .021"

#### Contact Resistance:

10 mΩ maximum

#### Insertion Depth:

(2,87mm) .113" to (3,17mm) .125"

#### Insertion Force:

2 oz. (0,56N) average

#### Withdrawal Force:

1.4 oz (0,39N) average

#### Wire:

28 AWG 7/36 Stranded, Tinned, Copper with Gray PVC Insulator



### POLARIZING KEY

Specify PK-01-07 for polarizing key. Also polarizes SMM Series socket strips

**Note:** TCSD Series assemblies are non-standard, non-returnable.

| TYPE STRIP                     | NO. PINS PER ROW                                                                  | END OPTION                    | LENGTH                                    | 01 | PLATING OPTION                                                                                                                                                                         | N                                                                                                                                                                                         | OTHER OPTION |
|--------------------------------|-----------------------------------------------------------------------------------|-------------------------------|-------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|                                | <b>-05, -08, -10, -12, -13, -15, -17, -20, -22, -25</b><br>(Call for other sizes) |                               | <b>-"XX.XX"</b><br>= Assembled Length<br> |    |                                                                                                                                                                                        | <b>-N</b><br>= Notch Polarization<br><br><b>-F</b><br>= Gold flash on contact area, 150µ" (3,81µm) Tin on balance<br>Leave blank for standard plating: 30µ" (0,76µm) Gold on contact area |              |
|                                |                                                                                   | <b>-S</b><br>= Single End<br> | <b>-D</b><br>= Double End<br>             |    | <b>-P "XX"</b><br>= Position Polarization<br>Specify "XX" as position number. Same position will be polarized on both ends.                                                            | <b>-D "XX"</b><br>= Daisy Chain<br>                                                                                                                                                       |              |
| <b>TCSD = Socket Strip</b><br> |                                                                                   |                               |                                           |    |                                                                                                                                                                                        |                                                                                                                                                                                           |              |
|                                |                                                                                   |                               |                                           |    | <b>-B "XX"</b><br>= Breakout<br>Specify "XX" as number of conductors to be broken out.<br>Breakout starts with Number 1 lead indicated by brown wire or red stripe. Shown on top side. | <b>-R</b><br>= Reversed<br>                                                                                                                                                               |              |
|                                |                                                                                   |                               |                                           |    | <b>-RW</b><br>= Reverse Wiring<br>Blue or black wire opposite position #1.                                                                                                             | <b>-M</b><br>= Middle Reverse<br>Requires -DXX                                                                                                                                            |              |
|                                |                                                                                   |                               |                                           |    |                                                                                                                                                                                        | <b>-O</b><br>= Outside Reverse<br>Requires -DXX                                                                                                                                           |              |

Due to technical progress, all designs, specifications and components are subject to change without notice.

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