

# TIGER EYE™ IDC SOCKET CABLE

(2.00 mm) .0787" PITCH • TCSD SERIES



## TCSD

### Mates:

TMM, TMMH, STMM,  
MMT, TW, MTMM, EHT,  
ETMM (-SR), ZSTMM

## SPECIFICATIONS

### Insulator Material:

Black Glass Filled Polyester

### Contact:

BeCu

### Plating:

Au or Sn over  
50 μ" (1.27 μm) Ni

### Wire:

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

### Operating Temp Range:

-40 °C to +105 °C

### Current Rating (TCSD/STMM):

2.8 A per pin  
(2 pins powered)

### Voltage Rating:

300 VAC/424 VDC

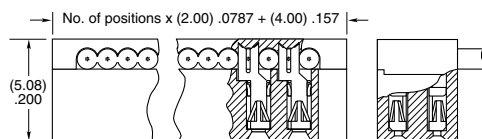
### Lead Size Accepted:

(0.48 mm) .019" to  
(0.53 mm) .021"

### Insertion Depth:

(2.87 mm) .113" to  
(3.17 mm) .125"

| SERIES                    | NO. PINS PER ROW                                                                                 | END OPTION                                         | OVERALL LENGTH                     | 01 | PLATING OPTION                   | N                             | OTHER OPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------|----|----------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCSD<br>= Socket<br>Strip | -04, -05,<br>-07, -08,<br>-10, -12,<br>-13, -15,<br>-17, -20,<br>-22, -25<br>(Standard<br>sizes) | -S<br>= Single<br>End<br><br>-D<br>= Double<br>End | - "XX.XX"<br>= Assembled<br>Length |    | -F<br>= Gold flash<br>on contact | -N<br>= Notch<br>Polarization | -P "XX"<br>= Position<br>Polarization<br>(Specify "XX" as<br>position number.<br>Same position<br>will be polarized<br>on both ends)<br><br>-B "XX"<br>= Breakout<br>(Specify "XX"<br>as number of<br>conductors to<br>be broken out)<br><br>-RW<br>= Reverse Wiring<br>(Blue or black<br>wire opposite<br>position #1)<br><br>-D "XX"<br>= Daisy Chain<br><br>-SR<br>= Strain Relief<br>(Not available<br>with -O, -M, -R,<br>-DXX or -BXX)<br><br>-R<br>= Reversed<br><br>-M<br>= Middle<br>Reversed<br>(Requires -DXX)<br><br>-O<br>= Outside<br>Reversed<br>(Requires -DXX) |



## ALSO AVAILABLE

Contact Samtec

Other sizes

Other platings

## POLARIZING KEY

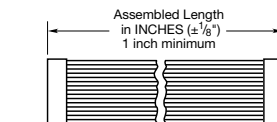
Specify PK-01-07 for polarizing key  
(Available in wheels of six each).  
Also polarizes SMM Series  
socket strips.



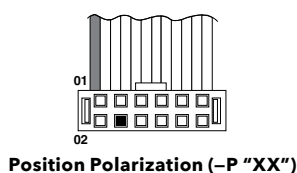
Single End (-S)



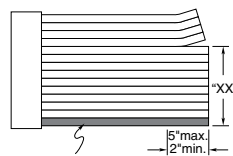
Double End (-D)



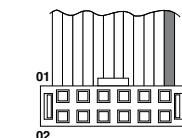
Assembled Length (-"XX.XX")



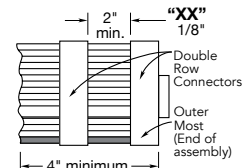
Position Polarization (-P "XX")



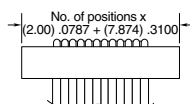
Breakout (-B "XX")



Reverse Wiring (-RW)



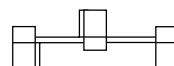
Daisy Chain (-D "XX")



Strain Relief (-SR)



Reversed (-R)



Middle Reversed (-M)



Outside Reversed (-O)

### Note:

TCSD Series assemblies are  
non-standard, non-returnable.