

# 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

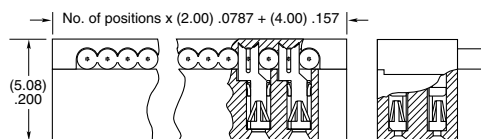
### Lead Size Accepted:

(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 Strip | -04, -05,<br>-07, -08,<br>-10, -12,<br>-13, -15,<br>-17, -20,<br>-22, -25<br>(Standard sizes) | -S<br>= Single End<br><br>-D<br>= Double End | - "XX.XX"<br>= Assembled Length |    | -F<br>= Gold flash on contact | -N<br>= Notch Polarization | -P "XX"<br>= Position Polarization (Specify "XX" as position number. Same position will be polarized on both ends)<br><br>-B "XX"<br>= Breakout (Specify "XX" as number of conductors to be broken out)<br><br>-RW<br>= Reverse Wiring (Blue or black wire opposite position #1)<br><br>-D "XX"<br>= Daisy Chain<br><br>-SR<br>= Strain Relief (Not available with -O, -M, -R, -DXX or -BXX)<br><br>-R<br>= Reversed<br><br>-M<br>= Middle Reversed (Requires -DXX)<br><br>-O<br>= Outside Reversed (Requires -DXX) |



No. of positions x (2.00) .0787 + (4.00) .157

## ALSO AVAILABLE

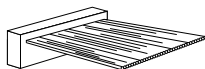
Contact Samtec

Other sizes

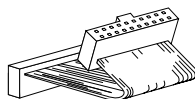
Other platings

## POLARIZING KEY

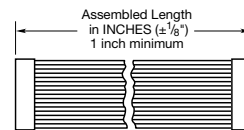
Specify PK-01-07 for polarizing key  
(Available in wheels of six each).  
Also polarizes SMM Series  
socket strips.



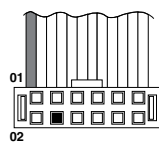
Single End (-S)



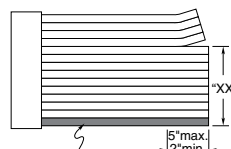
Double End (-D)



Assembled Length (- "XX.XX")

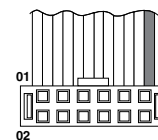


Position Polarization (-P "XX")

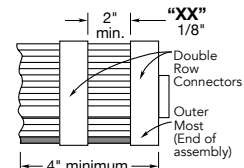


Breakout starts with Number 1  
lead indicated by brown wire or  
red stripe. Shown on top side.

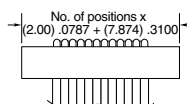
Breakout (-B "XX")



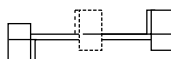
Reverse Wiring (-RW)



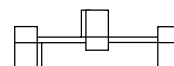
Daisy Chain (-D "XX")



Strain Relief (-SR)



Reversed -R)



Middle Reversed (-M)



Outside Reversed (-O)

### Note:

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