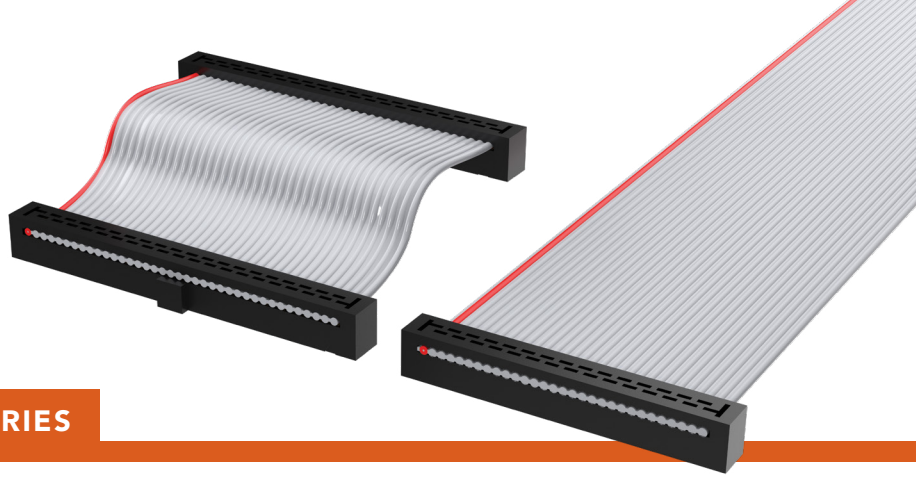
TIGER™ EYE IDC

# 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"

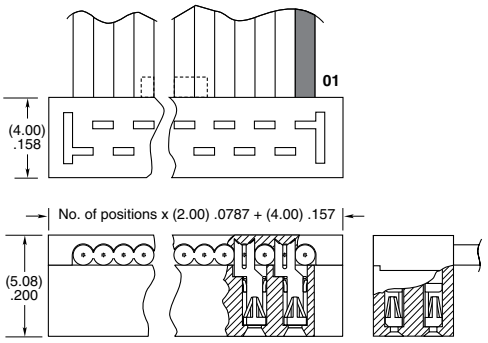
## ALSO AVAILABLE
Contact Samtec

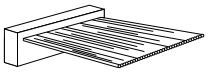
Other sizes
Other platings

## POLARIZING KEY

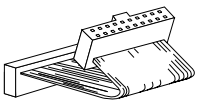
Specify PK-01-07 for polarizing key (Available in wheels of six each). Also polarizes SMM Series socket strips.

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

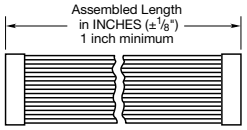


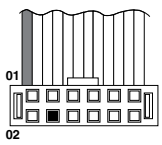
**Single End (–S)**



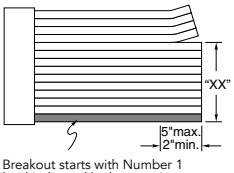
**Double End (–D)**




**Assembled Length (–"XX.XX")**

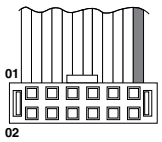



**Position Polarization (–P "XX")**

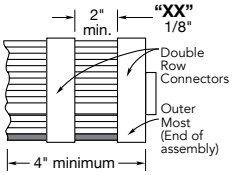



Breakout starts with Number 1 lead indicated by brown wire or red stripe. Shown on top side.

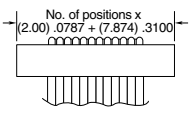
**Breakout (–B "XX")**



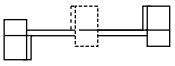

**Reverse Wiring (–RW)**



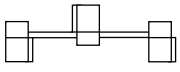

**Daisy Chain (–D "XX")**



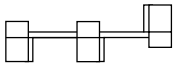

**Strain Relief (–SR)**



**Reversed –R)**



**Middle Reversed (–M)**



**Outside Reversed (–O)**

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



Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.