TIGER™ EYE IDC

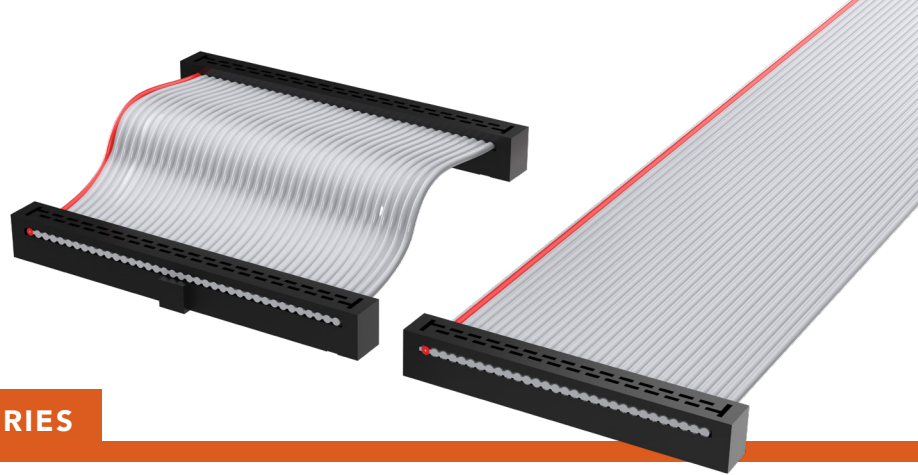# TIGER EYE™ IDC SOCKET CABLE

(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:
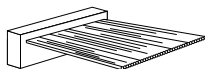(2.87 mm) .113" to
(3.17 mm) .125"
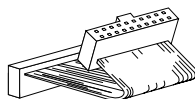
ALSO AVAILABLE
Contact Samtec

Other sizes
Other platings

POLARIZING KEY

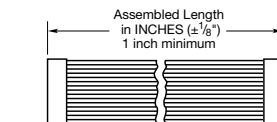Specify PK-01-07 for polarizing key (Available in wheels of six each). Also polarizes SMM Series socket strips.

| 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

–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)

–B "XX"
= Breakout (Specify "XX" as number of conductors to be broken out)

–RW
= Reverse Wiring (Blue or black wire opposite position #1)

–D "XX"
= Daisy Chain

–SR
= Strain Relief (Not available with –O, –M, –R, –DXX or –BXX)

–R
= Reversed

–M
= Middle Reversed (Requires –DXX)

–O
= Outside Reversed (Requires –DXX)
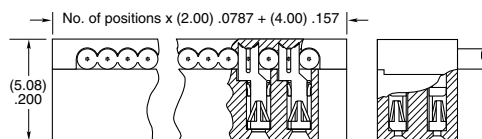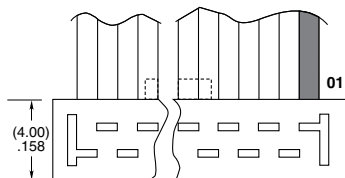
(4.00) .158

(5.08) .200

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

01

Single End (–S)

Double End (–D)

Assembled Length in INCHES (±1/8") 1 inch minimum

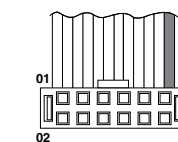**Assembled Length (–"XX.XX")**
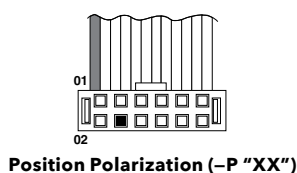
01
02
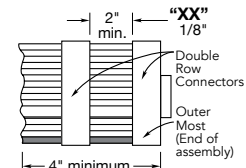**Position Polarization (–P "XX")**
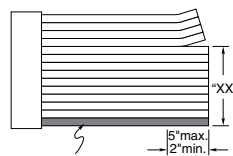
"XX"
5"max.
2"min.
Breakout starts with Number 1 lead indicated by brown wire or red stripe. Shown on top side.
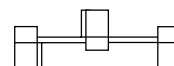**Breakout (–B "XX")**

01
02
Reverse Wiring (–RW)

2" min.
"XX" 1/8"
Double Row Connectors
Outer Most (End of assembly)
4" minimum
Daisy Chain (–D "XX")
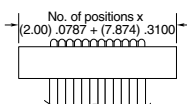
No. of positions x (2.00) .0787 + (7.874) .3100
Strain Relief (–SR)
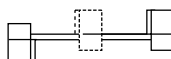
Reversed –R)

Middle Reversed (–M)

Outside Reversed (–O)

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