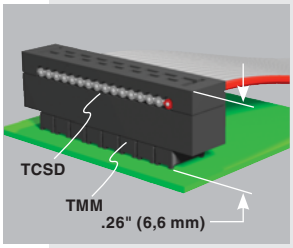
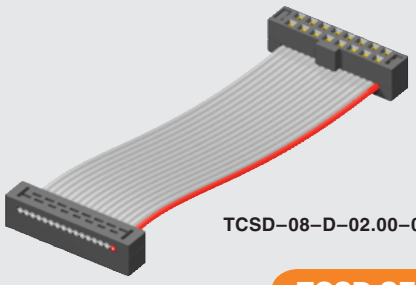
samtec

TIGER IDC™



TCSD–08–D–02.00–01–N–R

**(2,00 mm) .0787"**

**TCSD SERIES**

# TIGER EYE™ IDC SOCKET CABLE

**Mates with:**
TMM, TMMH, STMM, MMT, TW, MTMM, EHT, ETMM (-SR), ZSTMM

## SPECIFICATIONS

For complete specifications see www.samtec.com?TCSD

**Insulator Material:**
Black Glass Filled Polyester
**Contact:**
BeCu
**Plating:**
Au or Sn over 50µ" (1,27 µm) Ni
**Wire:**
28 AWG 7/36 Stranded, Tinned, Copper with Gray PVC Insulator
**Current Rating (TCSD/STMM):**
2.8 A per pin
(1 pin powered per row)
**Operating Temp Range:**
-40°C to +105°C
**Lead Size Accepted:**
(0,48 mm) .019" to
(0,53 mm) .021"
**Contact Resistance:**
15 mΩ
**Insertion Depth:**
(2,87 mm) .113" to
(3,17 mm) .125"
**RoHS Compliant:**
Yes

## RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings

Contact Samtec.

## POLARIZING KEY

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

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

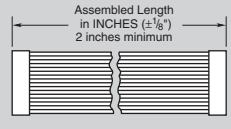
TYPE STRIP – NO. PINS PER ROW – END OPTION – LENGTH – 01 – PLATING OPTION – N – OTHER OPTION

### NO. PINS PER ROW

**–04, –05, –06, –07, –08, –10, –12, –13, –15, –17, –20, –22, –25**
(Standard sizes)

### LENGTH

**–"XX.XX"**
= Assembled Length




### PLATING OPTION

**–F** = Gold flash on contact

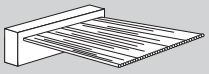
Leave blank for standard plating: 30µ" (0,76 µm) Gold on contact area

### N

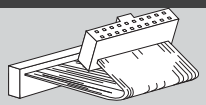
**–N**
= Notch Polarization

### END OPTION

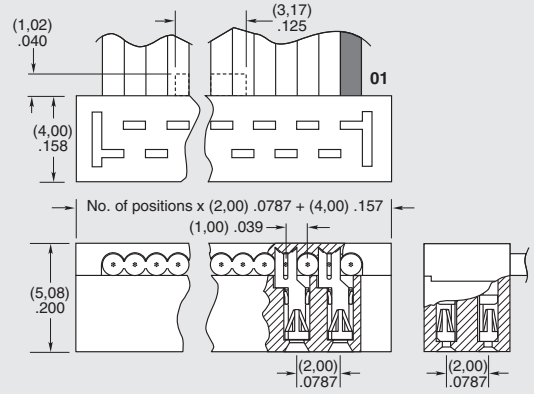
**–S**
= Single End



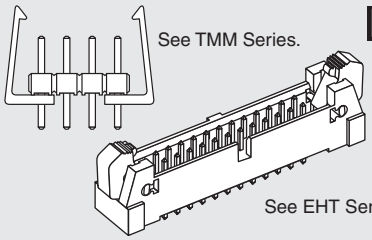
**–D**
= Double End



## TCSD
= Socket Strip



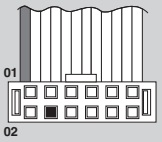

## EJECTOR HEADERS & LOCKING CLIPS




RUGGEDIZED by SAMTEC

- Ejector headers
- Locking clips
- Strain relief option

## –P "XX"
= Position Polarization

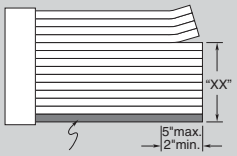



Specify "XX" as position number. Same position will be polarized on both ends.

1

## –B "XX"
= Breakout

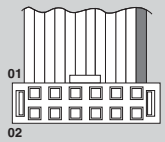
Specify "XX" as number of conductors to be broken out.




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

2

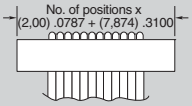
## –RW
= Reverse Wiring




Blue or black wire opposite position #1.

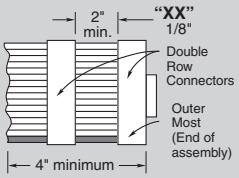
3

## –SR
= Strain Relief



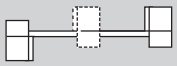

Not available with –O, –M, –R, –DXX or –BXX

## –D "XX"
= Daisy Chain



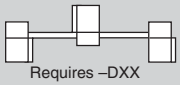

4

## –R
= Reversed



5

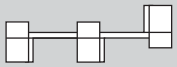
## –M
= Middle Reverse



Requires –DXX

5

## –O
= Outside Reverse



Requires –DXX

5



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