



(2,00mm) .0787"

TCSO SERIES



TCSO-08-D-02.00-01-N-R

# TIGER EYE™ IDCC SOCKET CABLE

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


## FEATURES

- Low profile, only 5mm (.200") assembled height
- Four-finger contacts optimize normal, insertion and withdrawal forces
- Ask about our custom IDC design capabilities

## SPECIFICATIONS

For complete specifications see [www.samtec.com](http://www.samtec.com)?TCSD

**Insulator Material:**  
Black Glass Filled Polyester



**Contact:**  
BeCu

**Plating:**  
Au or Sn over 50µ" (1,27µm) Ni

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

**Current Rating:**  
1A

**Operating Temp Range:**  
-40°C to +105°C

**Lead Size Accepted:**  
(0,48mm) .019" to (0,53mm) .021"

**Contact Resistance:**  
15 mΩ maximum delta from initial

**Insertion Depth:**  
(2,87mm) .113" to (3,17mm) .125"

**Insertion Force:**  
(Single contact only) 2 oz. (0,56N) average

**Withdrawal Force:**  
(Single contact only) 1.4 oz (0,39N) average

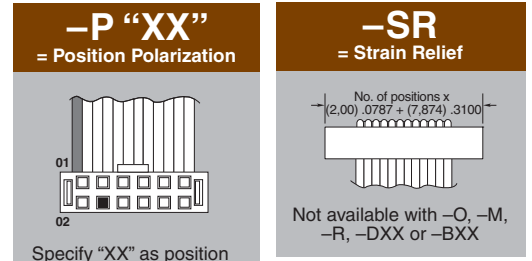
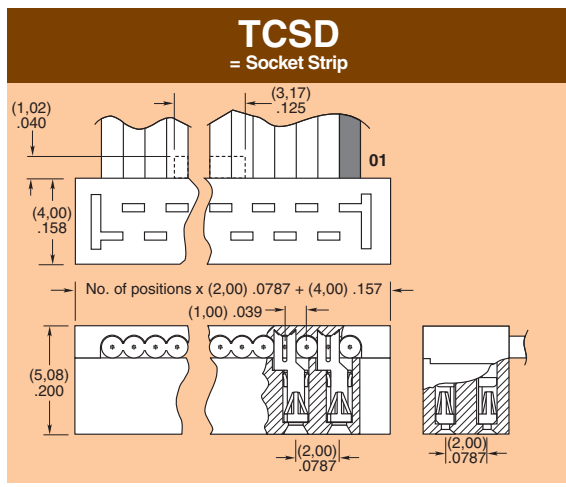
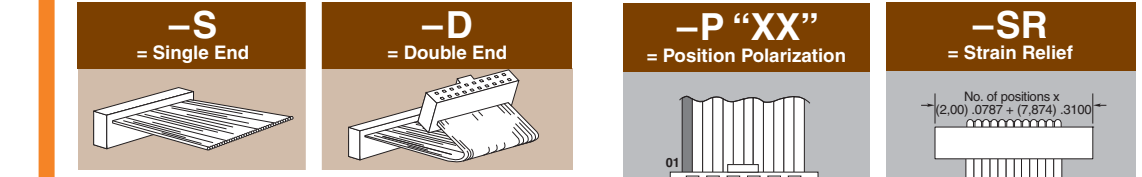
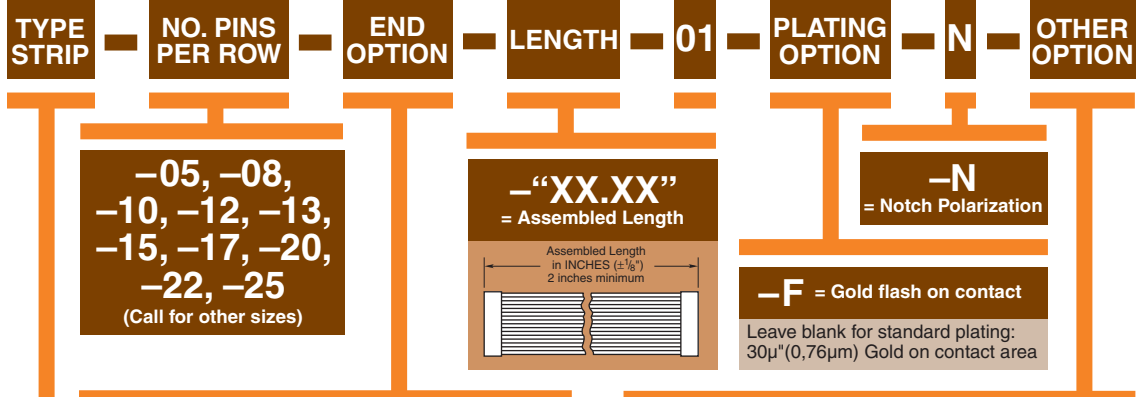
**RoHS Compliant:**  
Yes

## POLARIZING KEY

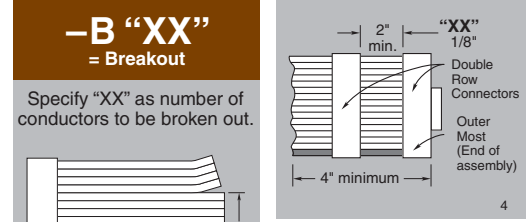
Specify PK-01-07 for polarizing key (Available in wheels of six each). Also polarizes SMM Series socket strips.

**Note:** Other Gold plating options available. Contact Samtec.

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

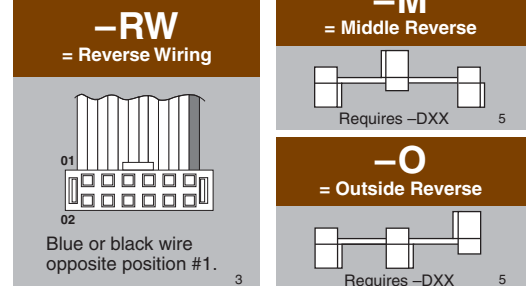


Specify "XX" as position number. Same position will be polarized on both ends.



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.



### EJECTOR HEADERS & LOCKING CLIPS

See TMM Series.

See EHT Series.

**RUGGEDIZED**  
by SAMTEC

- Ejector headers
- Locking clips
- Strain relief option

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)