



(2,00mm) .0787"

TCSO SERIES



# TIGER EYE™ IDDC 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:

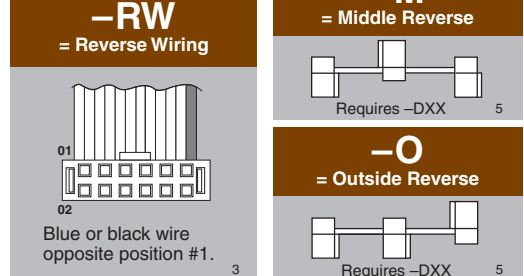
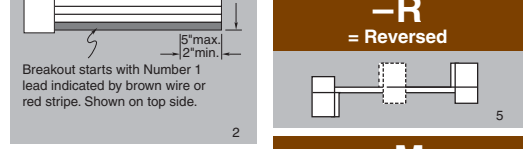
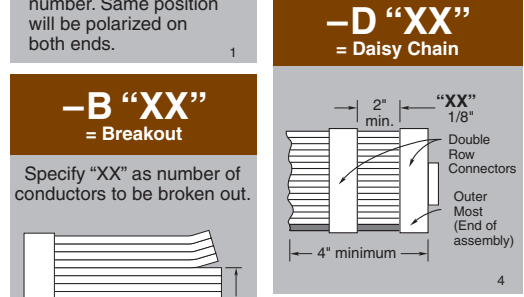
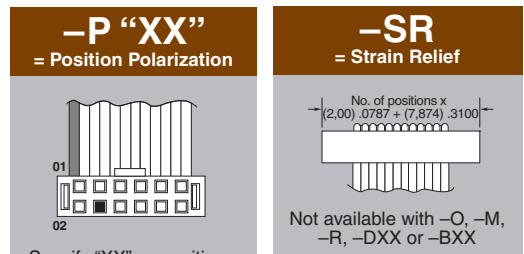
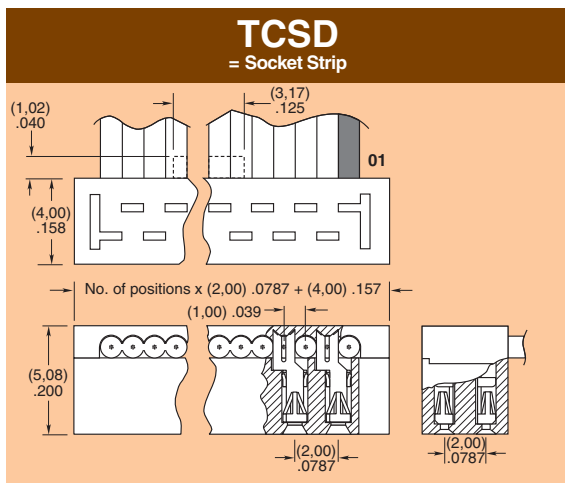
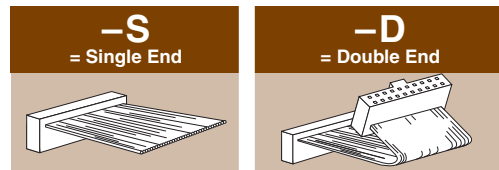
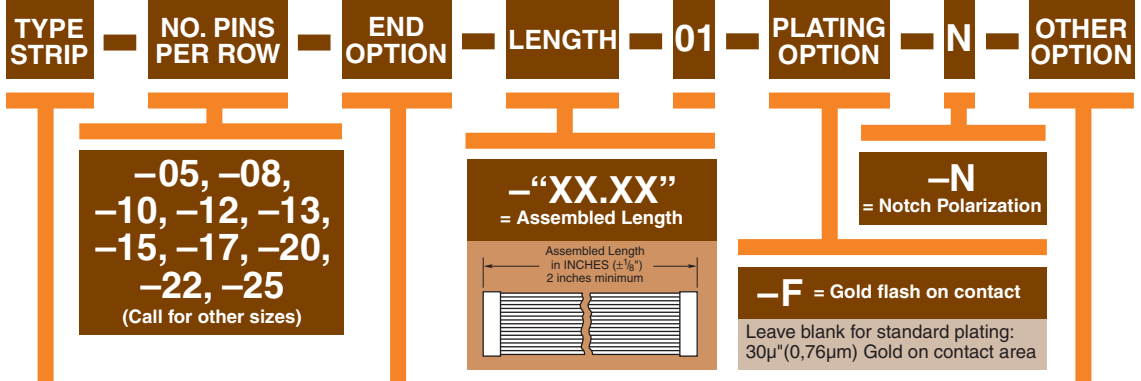
Yes

## 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.



### 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)