



(2,00mm) .0787"

TCSO SERIES



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

# 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:**

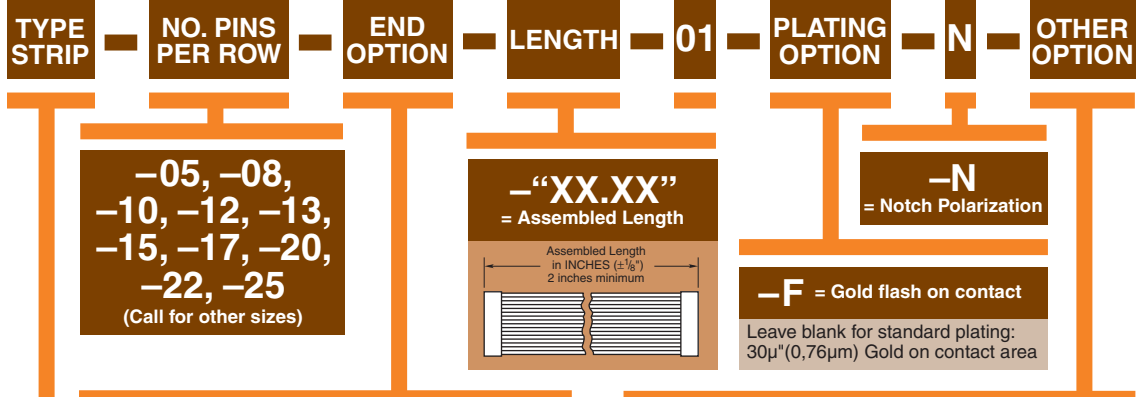
Yes

## 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.

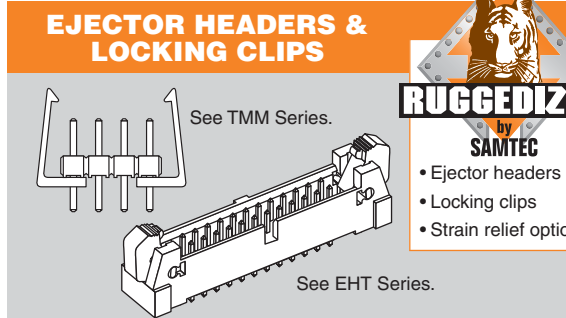
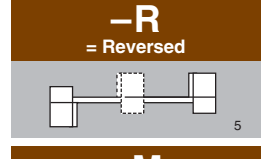
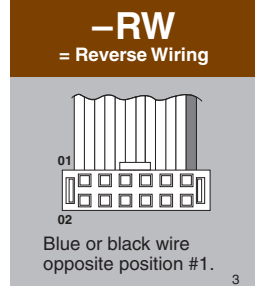
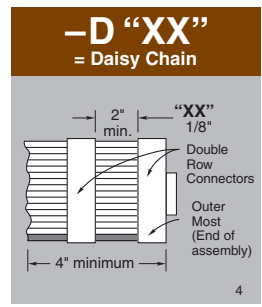
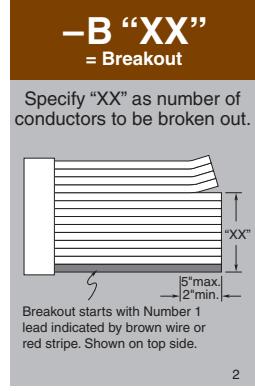
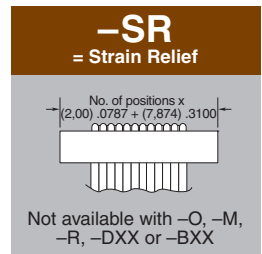
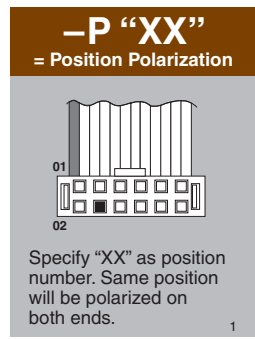
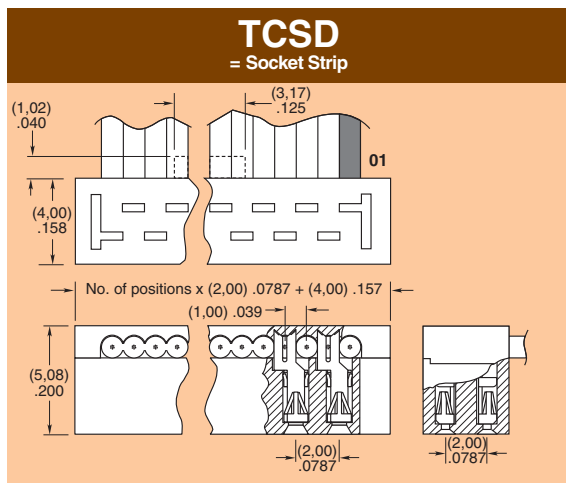
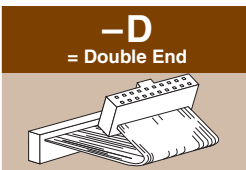
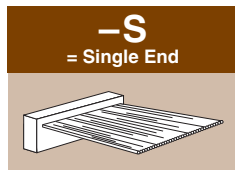


-05, -08, -10, -12, -13, -15, -17, -20, -22, -25  
(Call for other sizes)

-“XX.XX”  
= Assembled Length  
Assembled Length in INCHES (±1/16")  
2 inches minimum

-N  
= Notch Polarization

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



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

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