

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](http://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](http://www.samtec.com/quality)



## 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

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

—“XX.XX”  
= Assembled Length

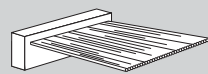
Assembled Length  
in INCHES (±1/8")  
2 inches minimum

—N  
= Notch Polarization

—F = Gold flash on contact

Leave blank for standard plating:  
30µ" (0.76 µm) Gold on contact area

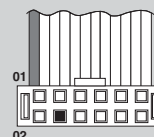
—S  
= Single End



—D  
= Double End

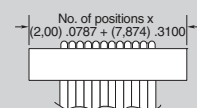


—P “XX”  
= Position Polarization



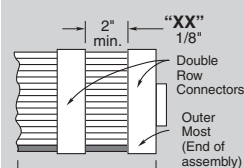
Specify “XX” as position  
number. Same position  
will be polarized on  
both ends.

—SR  
= Strain Relief



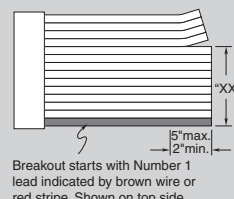
Not available with —O, —M,  
—R, —DXX or —BXX

—D “XX”  
= Daisy Chain



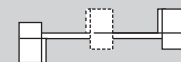
—B “XX”  
= Breakout

Specify “XX” as number of  
conductors to be broken out.

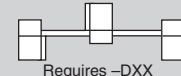


Breakout starts with Number 1  
lead indicated by brown wire or  
red stripe. Shown on top side.

—R  
= Reversed

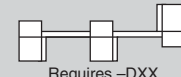


—M  
= Middle Reverse



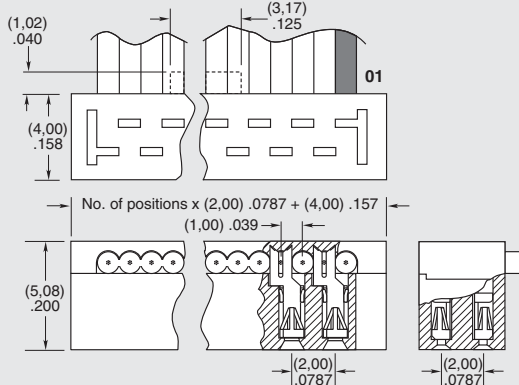
Requires —DXX

—O  
= Outside Reverse

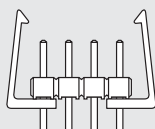


Requires —DXX

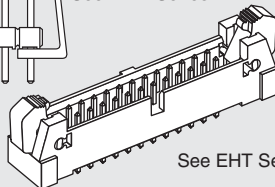
TCSD  
= Socket Strip



## EJECTOR HEADERS & LOCKING CLIPS



See TMM Series.



See EHT Series.

