

TCSD-08-D-02.00-01-N-R

(2,00mm) .0787"

TCSD SERIES

TIGER EYE™ IDC 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?TCSD

Insulator Material:
Black Glass Filled Polyester
 FILE NO. E111594

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

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

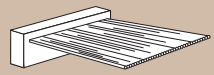
-05, -08, -10, -12, -13, -15, -17, -20, -22, -25
(Call for other sizes)

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

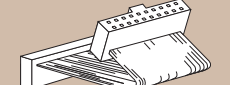
-N
= Notch Polarization

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

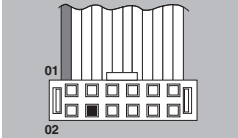
-S
= Single End



-D
= Double End

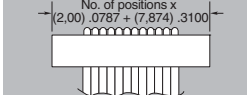


-P “XX”
= Position Polarization



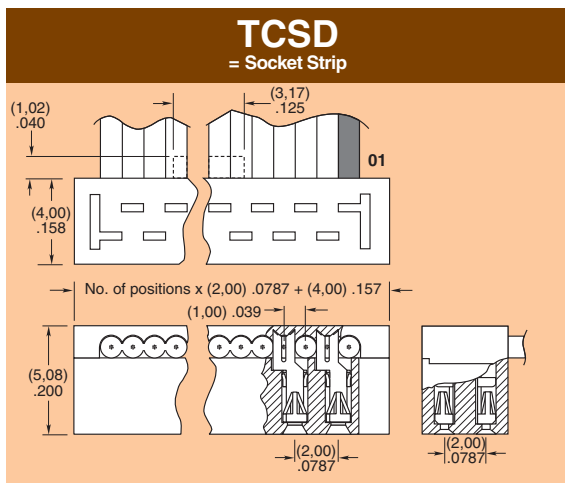
Specify “XX” as position number. Same position will be polarized on both ends.

-SR
= Strain Relief

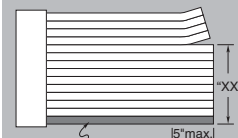


No. of positions x (2,00) .0787 + (7,874) .3100

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



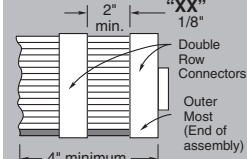
-B “XX”
= Breakout



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.

-D “XX”
= Daisy Chain



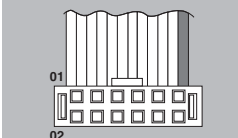
2" min. “XX” 1/8"

Double Row Connectors

Outer Most (End of assembly)


4" minimum

-RW
= Reverse Wiring




Blue or black wire opposite position #1.

-R
= Reversed

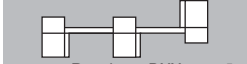


-M
= Middle Reverse



Requires -DXX

-O
= Outside Reverse



Requires -DXX

EJECTOR HEADERS & LOCKING CLIPS

See TMM Series.

RUGGEDIZED
by SAMTEC

- Ejector headers
- Locking clips
- Strain relief option

See EHT Series.

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

WWW.SAMTEC.COM