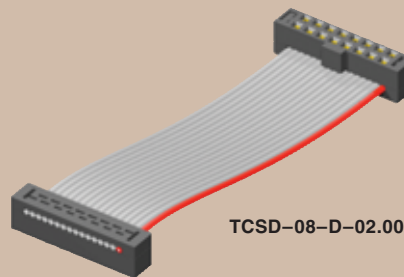
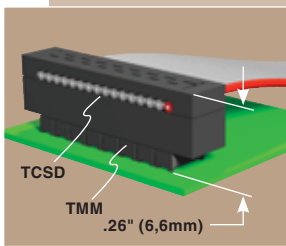




(2,00mm) .0787"

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?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.

TYPE STRIP	NO. PINS PER ROW	END OPTION	LENGTH	01	PLATING OPTION	N	OTHER OPTION
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-05, -08, -10, -12, -13, -15, -17, -20, -22, -25
(Call for other sizes)

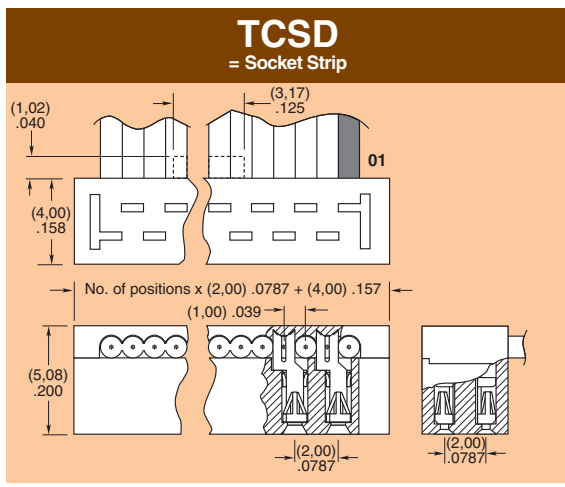
-“XX.XX”
= Assembled Length
Assembled Length in INCHES (±1/16")
2 inches minimum

-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 5

-O
= Outside Reverse

Requires -DXX 5

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