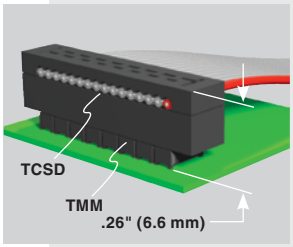
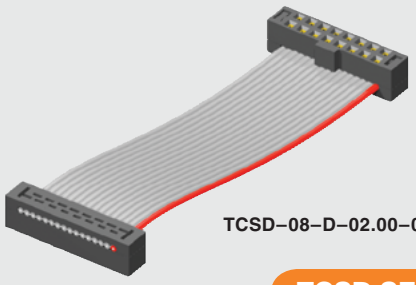
samtec

TIGER EYE™ IDC





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

Insulator Material:
Black Glass Filled Polyester
Contact:
BeCu
Plating:
Au or Sn over 50 µ" (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 (2 pins powered)
Operating Temp Range:
-40 °C to +105 °C
Lead Size Accepted:
(0.48 mm) .019" to (0.53 mm) .021"
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

FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings

POLARIZING KEY

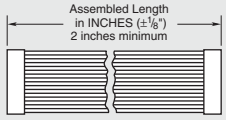
Specify PK-01-07 for polarizing key (Available in wheels of six each). Also polarizes SMM Series socket strips.

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)

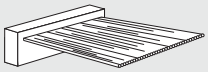
–"XX.XX"
= Assembled Length



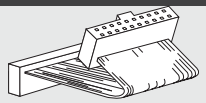
–N
= Notch Polarization

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

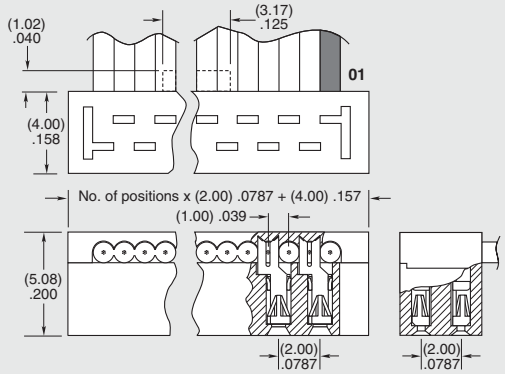
–S
= Single End



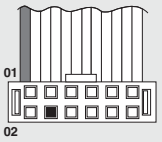
–D
= Double End



TCSD
= Socket Strip



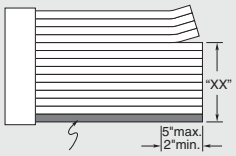
–P "XX"
= Position Polarization



Specify "XX" as position number. Same position will be polarized on both ends.
1

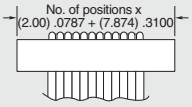
–B "XX"
= Breakout

Specify "XX" as number of conductors to be broken out.



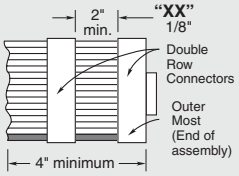
Breakout starts with Number 1 lead indicated by brown wire or red stripe. Shown on top side.
2

–SR
= Strain Relief



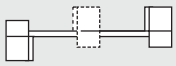
Not available with –O, –M, –R, –DXX or –BXX

–D "XX"
= Daisy Chain



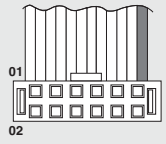
4

–R
= Reversed



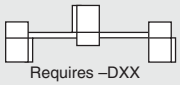
5

–RW
= Reverse Wiring



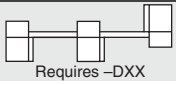
Blue or black wire opposite position #1.
3

–M
= Middle Reverse



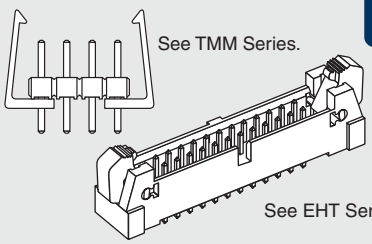
Requires –DXX
5

–O
= Outside Reverse



Requires –DXX
5

EJECTOR HEADERS & LOCKING CLIPS



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.

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.