samtec

TCSD–08–D–02.00–01–N–R

TCSD

TMM

.26" (6,6mm)

2mm TIGER EYE™ IDC CABLE TCSD SERIES

Mates with:
TMM, TMMH, STMM, MMT, TW, MTMM, EHT, ETMM (-SR), ZSTMM

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

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: 10 mΩ maximum
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
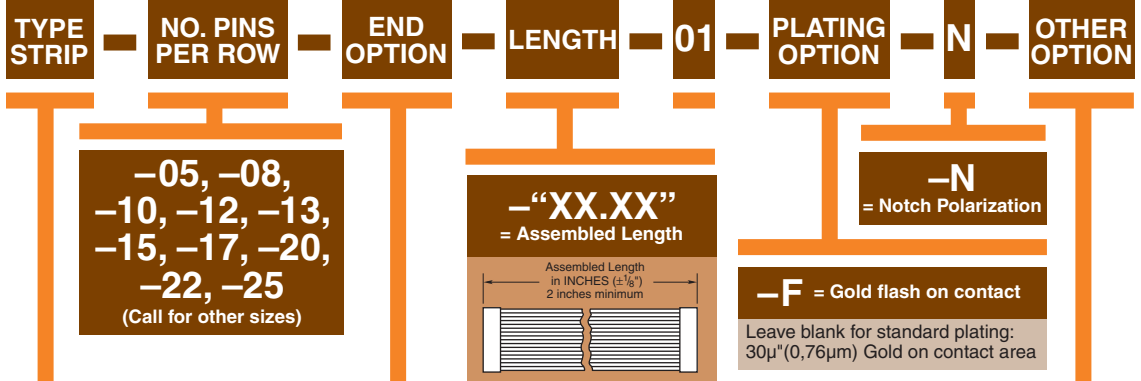**RoHS Compliant:** Yes

EJECTOR HEADER
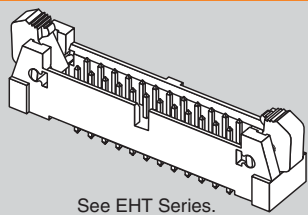
See EHT Series.

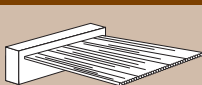**Note:** Other Gold plating options available. Contact Samtec.

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

UL FILE NO. E111594

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

POLARIZING KEY

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

–S = Single End
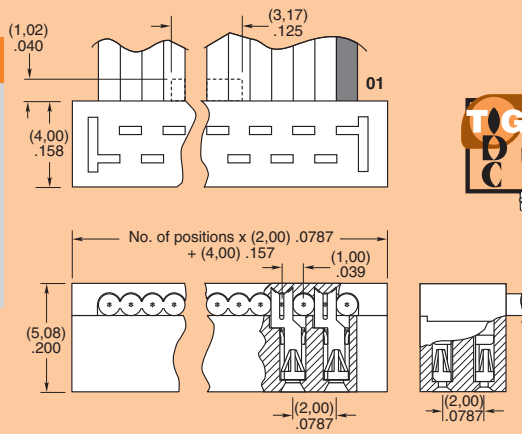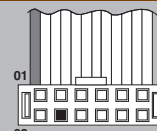
–D = Double End

–"XX.XX" = Assembled Length

Assembled Length in INCHES (±$\frac{1}{8}$") 2 inches minimum

–N = Notch Polarization

–F = Gold flash on contact

Leave blank for standard plating: 30µ"(0,76µm) Gold on contact area
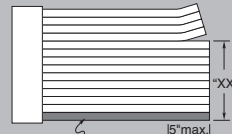
RUGGEDIZED by SAMTEC

–P "XX" = Position Polarization

01
02

Specify "XX" as position number. Same position will be polarized on both ends. [1]
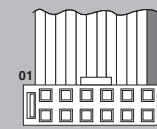
–B "XX" = Breakout
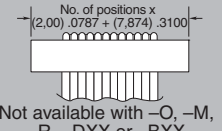
Specify "XX" as number of conductors to be broken out.

"XX"

5"max. 2"min.

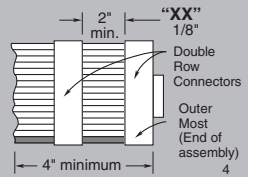Breakout starts with Number 1 lead indicated by brown wire or red stripe. Shown on top side. [2]

–RW = Reverse Wiring
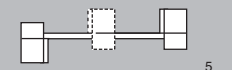
01
02

Blue or black wire opposite position #1. [3]

–SR = Strain Relief

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

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

–D "XX" = Daisy Chain

2" min. "XX" 1/8"

Double Row Connectors

Outer Most (End of assembly)

4" minimum [4]

–R = Reversed [5]

–M = Middle Reverse

Requires –DXX [5]

–O = Outside Reverse

Requires –DXX [5]

TCSD
= Socket Strip

(1,02) .040

(3,17) .125

01

(4,00) .158

No. of positions x (2,00) .0787 + (4,00) .157

(1,00) .039

(5,08) .200

(2,00) .0787

(2,00) .0787

TIGER IDC