

2mm IDC CABLE STRIPS TCS D SERIES

Mates with:
TMM, TMMH, STMM,
MMT, TW, MTMM, EHT

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?TCS D

Insulator Material:
Black Glass Filled Polyester
Contact:
BeCu



Current Rating:
1A
Operating Temp Range:
-40°C to +105°C
Plating:
Au or Sn over 50µ" (1,27µm) Ni
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:
2 oz. (0,56N) average
Withdrawal Force:
1.4 oz (0,39N) average
Wire:
28 AWG 7/36 Stranded, Tinned, Copper with Gray PVC Insulator

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
= Assembled Length
(Call for other sizes)

-"XX.XX"
= Assembled Length
Assembled Length in INCHES (±1/8")
2 inches minimum

-N
= Notch Polarization

-F
= Gold flash on contact area, 150µ" (3,81µm) Tin on balance
Leave blank for standard plating: 30µ" (0,76µm) Gold on contact area

-S
= Single End

-D
= Double End

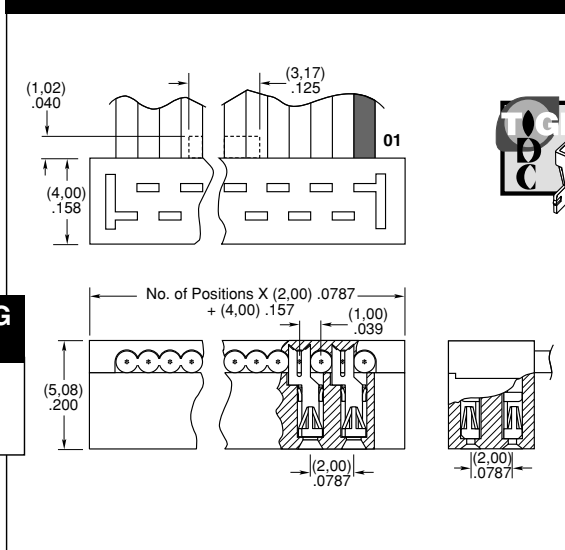
-P "XX"
= Position Polarization

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

-D "XX"
= Daisy Chain

Double Row Connectors
Outer Most (End of assembly)

TCS D = Socket Strip



-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

-RW
= Reverse Wiring

Blue or black wire opposite position #1.

-M
= Middle Reverse

Requires -DXX

-O
= Outside Reverse

Requires -DXX

POLARIZING KEY
Specify PK-01-07 for polarizing key. Also polarizes SMM Series socket strips

Note: TCS D Series assemblies are non-standard, non-returnable.

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

WWW.SAMTEC.COM