

# HIGH-RELIABILITY IDC HEADER CABLE

**Mates with:**

 SMM\*, MMS\*, ESQT,  
PTF, SQT, SQW, TLE

**SPECIFICATIONS**

 For complete specifications  
see [www.samtec.com?TCMD](http://www.samtec.com?TCMD)
**Insulator Material:**

Black Glass Filled Polyester

**Terminal:**

Phosphor Bronze

**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:**

 2.6 A per pin  
(2 pins powered)

**Operating Temp Range:**

-40 °C to +105 °C

**RoHS Compliant:**

Yes

**RECOGNITIONS**

 For complete scope  
of recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)

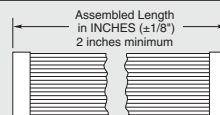
**ALSO AVAILABLE  
(MOQ Required)**

- Other sizes

| TYPE STRIP | NO. PINS PER ROW | END OPTION | OVERALL LENGTH | 01 | TRANSFER OPTION | OTHER OPTION |
|------------|------------------|------------|----------------|----|-----------------|--------------|
|------------|------------------|------------|----------------|----|-----------------|--------------|

-04, -05,  
-06, -07,  
-08, -10, -12,  
-13, -15, -17,  
-20, -22, -25  
(Standard sizes)

-"XX.XX"  
= Assembled Length

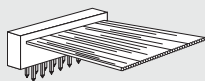


Leave blank for -S and -D  
End Options. For -T End  
Option Specify "-N"  
(Socket has notch polarization)

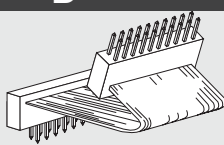
**RUGGEDIZED**  
BY SAMTEC

- Strain relief option

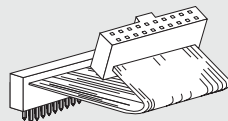
-S = Single End



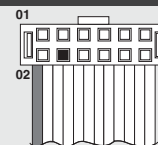
-D = Double End



-T = Transfer End



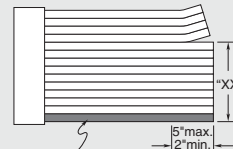
-P "XX"  
= Position Polarization



Specify "XX" as position  
number. Requires  
Transfer End. Only  
Socket is polarized. 1

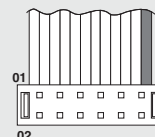
-B "XX"  
= Breakout

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

-RW  
= Reverse Wiring



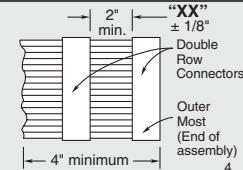
Blue or black wire  
opposite position #1. 3

-SR  
= Strain Relief

No. of positions x  
(2.00) .0787 + (7.874) .3100

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

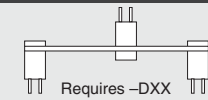
-D "XX"  
= Daisy Chain



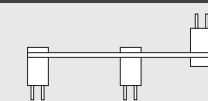
-R  
= Reversed



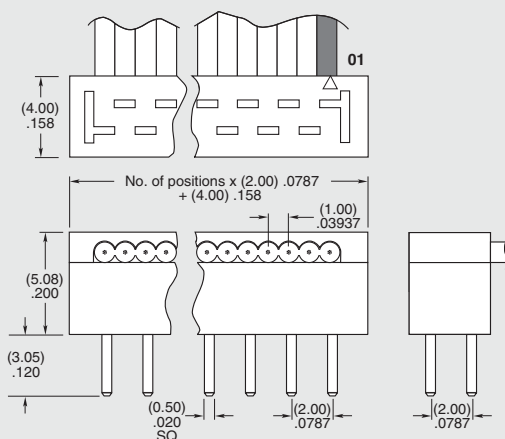
-M  
= Middle Reverse



-O  
= Outside Reverse



Requires -DXX 5

**TCMD = Terminal Strip**


**\*Note:**  
Standard TCMD callout  
will not mate with SMM, MMS.  
Must use gold plated callouts.  
(See drawing on web.)  
When mated with a socket,  
Wire 1 mates with Pin 2;  
Wire 2 mates with Pin 1, etc.

**Note:**  
TCMD 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](http://WWW.SAMTEC.COM)

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.