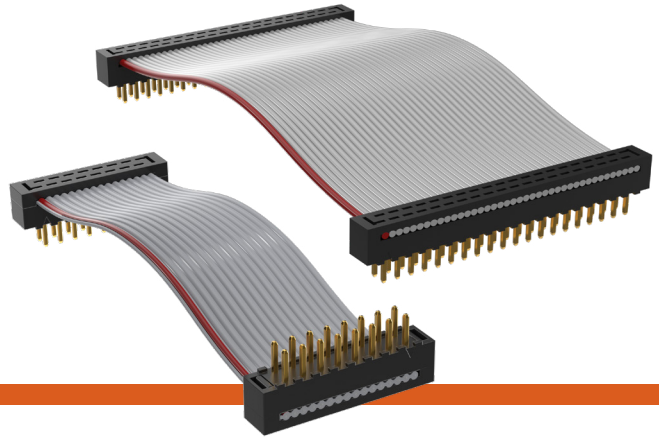
TIGER™ EYE IDC

# HIGH-RELIABILITY IDC HEADER CABLE



## (2.00 mm) .0787" PITCH • TCMD SERIES

**TCMD**
**Mates:**
SMM*, MMS*, ESQT, PTF, SQT, SQW, TLE

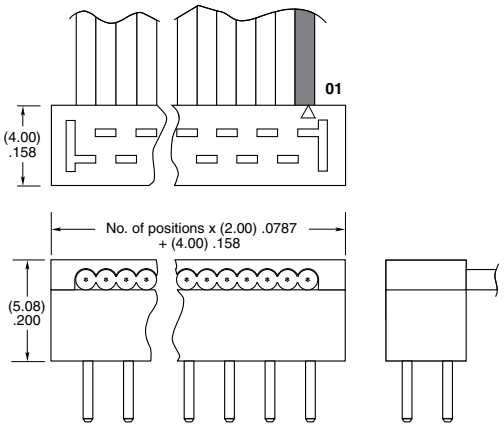
## SPECIFICATIONS

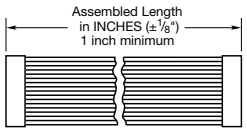
**Insulator Material:**
Black Glass Filled Polyester
**Terminal:**
Phosphor Bronze
**Plating:**
Au or Sn over
50 µ" (1.27 µm) Ni
**Wire:**
28 AWG 7/36 Stranded, Tinned, Copper with
Gray PVC Insulator
**Operating Temp Range:**
-40 °C to +105 °C
**Current Rating:**
2.6 A per pin
(2 pins powered)
**Voltage Rating:**
300 VAC/424 VDC

## ALSO AVAILABLE
Contact Samtec

Other sizes

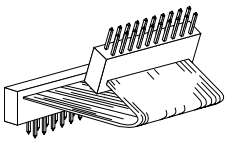
| SERIES | NO. PINS PER ROW | END OPTION | OVERALL LENGTH | 01 | TRANSFER OPTION | OTHER OPTION |
|---|---|---|---|---|---|---|
| **TCMD** = Terminal Strip | **–04,–05, –07 –08, –10, –12, –13, –15, –17, –20, –22, –25** (Standard sizes) | **–S** = Single End<br>**–D** = Double End<br>**–T** = Transfer End | **–"XX.XX"** = Assembled Length | | Leave blank for –S and –D End Options. For –T End Option Specify "–N" (Socket has notch polarization) | **–P "XX"** = Position Polarization (Specify "XX" as position number. Requires Transfer End. Only Socket is polarized.)<br>**–B "XX"** = Breakout (Specify "XX" as number of conductors to be broken out)<br>**–RW** = Reverse Wiring (Blue or black wire opposite position #1)<br>**–D "XX"** = Daisy Chain<br>**–SR** = Strain Relief (Not available with –O, –M, –R, –DXX or –BXX)<br>**–R** = Reversed<br>**–M** = Middle Reversed (Requires –DXX)<br>**–O** = Outside Reversed (Requires –DXX) |



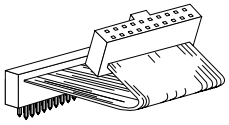




**Assembled Length (-"XX.XX")**

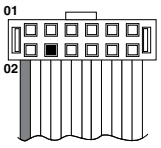
**Single End (–S)**



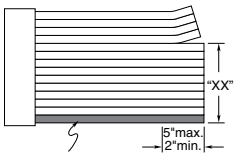
**Double End (–D)**



**Transfer End (–T)**

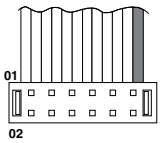



**Position Polarization (–P "XX")**

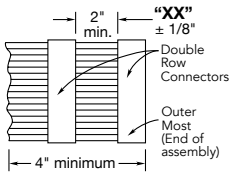



Breakout starts with Number 1 lead indicated by brown wire or red stripe. Shown on top side.

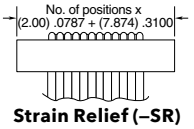
**Breakout (–B "XX")**



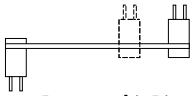

**Reverse Wiring (–RW)**



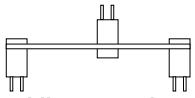

**Daisy Chain (–D "XX")**



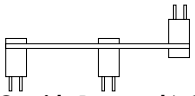

**Strain Relief (–SR)**



**Reversed (–R)**



**Middle Reversed (–M)**



**Outside Reversed (–O)**

***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.




Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.