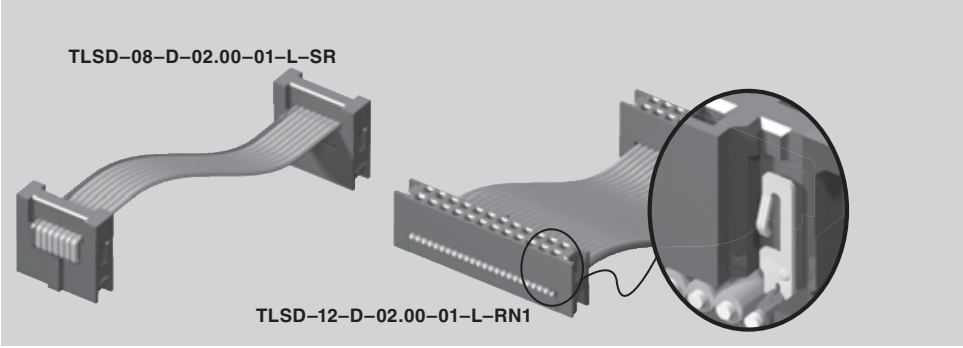
samtec

**(2,00 mm) .0787"**

**TLSD SERIES**




# COST EFFECTIVE IDC SOCKET CABLES

**Mates with:**
TMM, TMMH (Except –SR), TW, MTMM, TLMM

## FEATURES

- Low cost alternative to TCSD
- 1 point of contact phosphor bronze
- Strain Relief for Rugged Applications

## SPECIFICATIONS

For complete specifications see www.samtec.com?TLSD

**Insulator Material:**
Black Glass Filled Polyester
**Contact:**
Phosphor Bronze
**Plating:**
Au or Sn over
50µ" (1,27 µm) Ni
**Wire:**
28 AWG 7/36 Stranded, Tinned, Copper with Gray PVC Insulator
**Current Rating:**
1A per contact
**Operating Temp Range:**
-40°C to +105°C
**Lead Size Accepted:**
(0,48 mm) .019" to (0,53 mm) .021"
**Contact Resistance:**
15 mΩ maximum delta from initial
**Insertion Depth:**
(3,56 mm) .140" to (4,27 mm) .168"
**Insertion Force:**
(Single contact only)
2 oz. (0,56 N) average
**Withdrawal Force:**
(Single contact only)
1.4 oz (0,39 N) average
**RoHS Compliant:**
Yes

FILE NO. E111594

TIGER BEAM CONTACT™

## POLARIZING KEY

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

## ALSO AVAILABLE

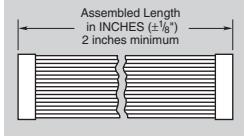
Connector only (KTLSD Series). Call Samtec.

**Note:** TLSD Series assemblies are non-standard, non-returnable.

**TYPE – NO. PINS PER ROW – END OPTION – LENGTH – 01 – PLATING OPTION – OTHER OPTION**

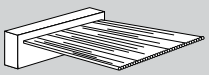
**–05, –08, –10, –12, –13, –15, –17, –20, –22, –25**
(Call for other sizes)

**–"XX.XX"**
= Assembled Length

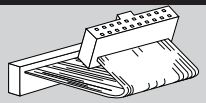



**–L**
= 10µ" (0,25 µm) Gold on contact area

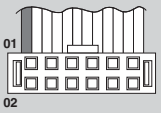
**–S**
= Single End



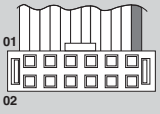
**–D**
= Double End



**–N**
= Notch Polarization

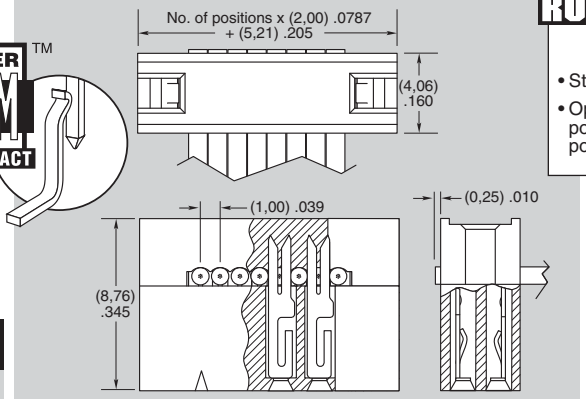



**–RW**
= Reverse Wiring




Black wire opposite position #1.

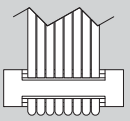
**TLSD**
= Socket Strip



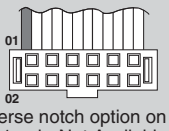

**–SR**
= Strain Relief

RUGGEDIZED by SAMTEC

- Strain relief
- Optional polarization and polarizing key

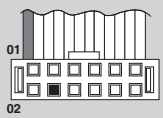


**–RN1**
= Reverse Notch End 1




Reverse notch option on end 1 only. Not Available with –R option.

**–P "XX"**
= Position Polarization




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

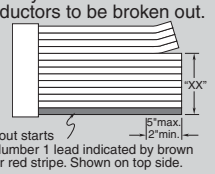
**–RN2**
= Reverse Notch End 2




Reverse notch option on end 2 only. Not Available with –R option.

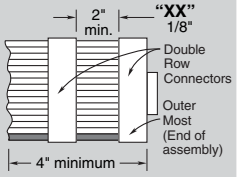
**–B "XX"**
= Breakout

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

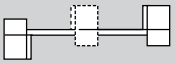



Breakout starts with Number 1 lead indicated by brown wire or red stripe. Shown on top side.

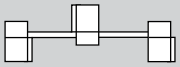
**–D "XX"**
= Daisy Chain




**–R**
= Reversed

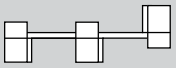


**–M**
= Middle Reverse



Requires –DXX

**–O**
= Outside Reverse



Requires –DXX

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



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