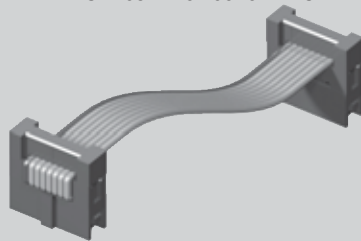




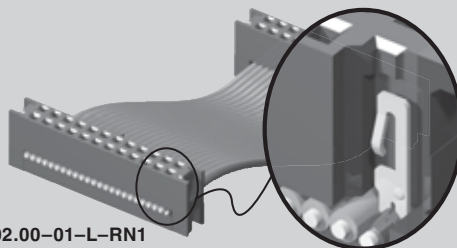
(2,00 mm) .0787"

TLSD SERIES

TLSD-08-D-02.00-01-L-SR



TLSD-12-D-02.00-01-L-RN1



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)

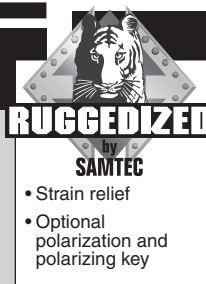
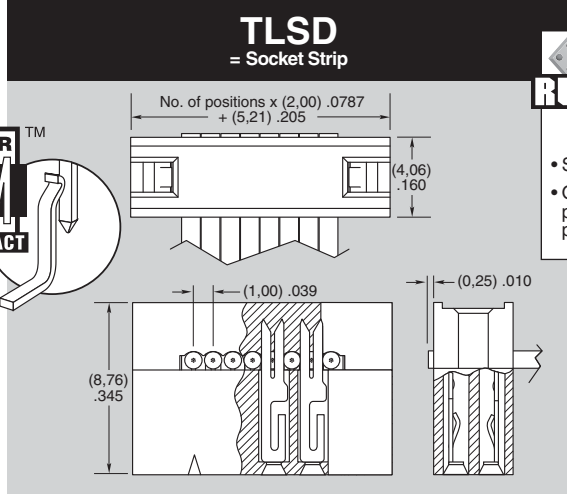
1.4 oz (0,39 N) average

RoHS Compliant:

Yes



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 Assembled Length in INCHES (±1/8") 2 inches minimum		-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.
						-RN1 = Reverse Notch End 1 Reverse notch option on end 1 only. Not Available with -R option.
						-RN2 = Reverse Notch End 2 Reverse notch option on end 2 only. Not Available with -R option.
					-SR = Strain Relief 	
					-P “XX” = Position Polarization Specify “XX” as position number. Same position will be polarized on both ends.	
						-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 Double Row Connectors Outer Most (End of assembly) 4" minimum
						-R = Reversed
						-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.

ALSO AVAILABLE

Connector only
(KTLSD Series).
Call Samtec.**Note:** TLSD Series
assemblies are non-
standard, non-returnable.

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

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