



(2.00 mm) .0787"

ISD2, CC81L, CC81R, T2M SERIES

# DISCRETE WIRE COMPONENTS & TOOLING

## SPECIFICATIONS

For complete specifications see [www.samtec.com?ISD2](http://www.samtec.com?ISD2) or [www.samtec.com?CC81L](http://www.samtec.com?CC81L) or [www.samtec.com?CC81R](http://www.samtec.com?CC81R)

## TOOLING

- Hand tool: CAT-HT-281-2430-13
- Mini Applicator (24-26 AWG): CAT-MC-281-2426-XX-01
- Mini Applicator (28-30 AWG): CAT-MC-281-2830-XX-01
- Extraction tool: CAT-EX-169-01

TYPE	POSITIONS PER ROW	ROW OPTION	LATCH OPTION	TYPE	WIRE GAUGE	01	L
ISD2 = Body, Loose	-05, -07, -10, -15, -20, -25, -30 (Standard sizes)	-D = Double Row	-M = Metal Retention Latch -S = Screw Down	CC81L = Contact, Loose CC81R = Contact, Full Reel (17,000 Parts per Reel)	-2426 = 24 to 26 AWG -2830 = 28 to 30 AWG		-L = 10 μ" (0.25 μm) Gold on contact
<b>Insulator Material:</b> Black LCP				<b>Contact Material:</b> BeCu			

**Board Mate:**  
S2M

**Cable Mate:**  
S2SD, S2SDT

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?T2M](http://www.samtec.com?T2M)

**Insulator Material:**  
Black Liquid Crystal Polymer  
**Terminal Material:**  
Phosphor Bronze  
**Plating:**  
Sn or Au over 50 μ" (1.27 μm) Ni  
**Operating Temp Range:**  
-55 °C to +105 °C with Tin;  
-55 °C to +125 °C with Gold  
**RoHS Compliant:**  
Yes

## PROCESSING

**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
(0.10 mm) .004" max

## RECOGNITIONS

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



**Note:** Some lengths, styles and options are non-standard, non-returnable.

T2M	1	NO. OF POSITIONS	01	PLATING OPTION	D	OPTION	OTHER OPTION
		05, 07, 10, 15, 20, 25, 30 (Per Row)		-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail		-TH = Through-hole -RA = Right-angle -SM = Surface Mount	-WT = Weld Tab (S2SD & S2SDT, -SR/-DR required mate) -DS = Screw Down (N/A with -RA) (mates with -S2M-DS, S2SD/S2SDT -SS/-DS option) -K = (7.50 mm) .295" DIA Polyimide film Pick & Place Pad (-SM only) -TR = Tape & Reel (-SM only)