

30 SIGNAL/POWER COMBO WIRE TO BOARD ASSEMBLY/COMPONENTS

MPCC	POWER PINS	SIGNAL PINS	POWER PINS	PLATING OPTION	LEAD STYLE	LENGTH	END 1 OPTION	END 2 OPTION
	Per End		Per End					
	-1	-16 = Total Signal Pins	-1	-L = 10 μ" (0.25 μm) Gold on contact, Tin on tail (Power & Signal)	Specify LEAD STYLE from chart	- "XX.XX" = Assembled Length in Inches (101.60 mm) 04.00" min.	-S = Single End	(Available with -D only)
	-2	-24 = Total Signal Pins	-2	-T = Tin on contact and tail (Power), Gold on contact, Tin on tail (Signal)			-D = Double End	-NUS = Notch up, straight (Pin A1 to Pin AX)

MPCC

Board Mates:

MPTC

SPECIFICATIONS

Insulator Material:

Black LCP

Contact Material:

Signal: BeCu

Power: Copper Alloy

Plating:

Sn or Au over 50 μ" (1.27 μm) Ni

Current Rating:

Signal Pin (24 AWG):

3.4 A per pin

(4 adjacent pins powered)

Power Pin (14 AWG):

23.2 A per pin

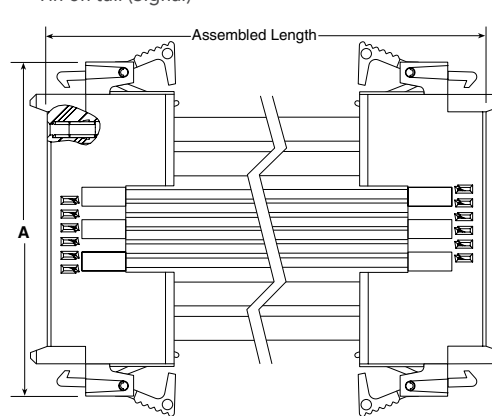
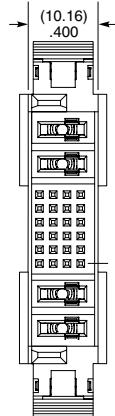
(1 pin powered)

Operating Temp Range:

-10 °C to +105 °C

Voltage Rating:

250 VAC/354 VDC

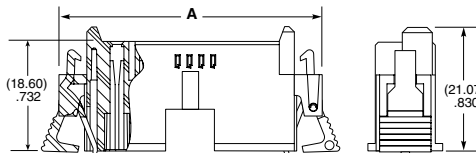
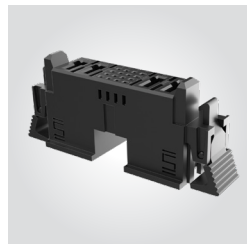


SIGNAL PINS	POWER PINS (A)	
	-1	-2
-16	(34.55) 1.360	(44.55) 1.754
-24	38.55) 1.518	(48.55) 1.911

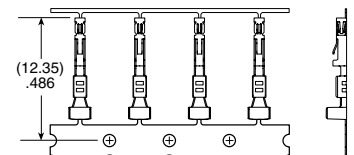
LEAD STYLE	PWR/SIG	AWG
-44	PWR	14
	SIG	24
-46	PWR	14
	SIG	26
-48	PWR	14
	SIG	28
-40	PWR	14
	SIG	30
-64	PWR	16
	SIG	24
-66	PWR	16
	SIG	26
-68	PWR	16
	SIG	28
-60	PWR	16
	SIG	30

View complete specifications at: samtec.com?MPCC

IMSC5	POWER PINS	SIGNAL PINS	POWER PINS	L	SERIES	WIRE GAUGE	01	PLATING OPTION
	Per End		Per End					
	-01	-16 = Total Signal Pins	-01	-L = Latch	CC81L = Contact, Loose	-2426 = 24 to 26 AWG		-L = 10 μ" (0.25 μm) Gold on contact
	-02	-24 = Total Signal Pins	-02		CC81R = Contact, Full Reel (17,000 Parts per Reel)	-2830 = 28 to 30 AWG		



SIGNAL PINS	POWER PINS (A)	
	-1	-2
-16	(34.55) 1.360	(44.55) 1.754
-24	38.55) 1.518	(48.55) 1.911



Note: Power contact (CC46 Series) information on page 262.

TOOLING

Hand Tool: CAT-HT-281-2430-13 (Signal: 24-30 AWG)

CAT-HT-246-1416-13 (Power: 14-16 AWG)

Extraction Tool: CAT-EX-169-01 (Signal)

CAT-EX-MPSS-01 (Power)

Mini Applicator: CAT-MC-246-1416-XX-01 (Power 14-16 AWG)

CAT-MC-281-2426-XX-01 (Signal: 24-26 AWG)

CAT-MC-281-2830-XX-01 (Signal: 28-30 AWG)

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

View complete specifications at: samtec.com?IMSC5, samtec.com?CC81R & samtec.com?CC81L