



**POWER™  
STRIP 30**

CC46L-1416-01-L

IMS5-02-02

MPT-04-6.30-01-L-V

MPT-04-01-01-L-RA-SD

(5.00 mm) .1969"

**IMS5, CC46L, CC46R, MPT SERIES**

# DISCRETE WIRE COMPONENTS & TOOLING

## SPECIFICATIONS

For complete specifications see [www.samtec.com?IMS5](http://www.samtec.com?IMS5), [www.samtec.com?CC46L](http://www.samtec.com?CC46L) or [www.samtec.com?CC46R](http://www.samtec.com?CC46R)

## TOOLING

- Hand Tool: CAT-HT-246-1416-14
- Mini Applicator: CAT-MC-246-1416-XX-02
- Extraction Tool: CAT-EX-MPSS-01

TYPE	NO. OF POSITIONS	02	TYPE	1416	01	PLATING OPTION
<b>IMS5</b> = Body, Loose	<b>-02, -03, -04, -06, -08</b>	<b>-02</b> = Plastic Latch	<b>CC46L</b> = Contact, Loose	<b>-1416</b> = 14 to 16 AWG		<b>-L</b> = 10 μ" (0.25 μm) Gold on contact
			<b>CC46R</b> = Contact, Full Reel			<b>-T</b> = Matte Tin

Insulator & Latch Material: Nylon 6/6

Contact Material: Copper Alloy

Mates with: MPS, MPSS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?MPT](http://www.samtec.com?MPT)

**Insulator Material:** Black LCP  
**Terminal Material:** Copper Alloy  
**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  
**Voltage Rating:** 575 VAC/812 VDC  
**RoHS Compliant:** Yes  
**Lead-Free Solderable:** Yes

## 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.

MPT	POWER PINS	LEAD STYLE	TAIL LENGTH	PLATING OPTION	TAIL	SD
	<b>-02, -03, -04, -06, -08</b>	<b>-6.30</b> = (6.30 mm) 0.248" (-V only)	<b>-01</b> = Use with (1.60 mm) .062" Thick PCB	<b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	<b>-V</b> = Vertical	<b>-SD</b> = Screw Down (-RA only)
		<b>-01</b> = Right-angle (-RA only)	<b>-03</b> = Use with (2.36 mm) .093" Thick PCB	<b>-T</b> = Matte Tin	<b>-RA</b> = Right-angle	

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

# Mouser Electronics

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[CC46L-1416-01-L](#) [CC46L-1416-01-T](#) [CC46R-1416-01-L](#) [CC46R-1416-01-T](#)