



**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, www.samtec.com?CC46L or 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
IMS5 = Body, Loose	-02, -03, -04, -06, -08	-02 = Plastic Latch	CC46L = Contact, Loose CC46R = Contact, Full Reel	-1416 = 14 to 16 AWG		-L = 10 μ" (0.25 μm) Gold on contact -T = 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

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



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

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

-V SHOWN **-RA-SD SHOWN**

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

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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.