

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

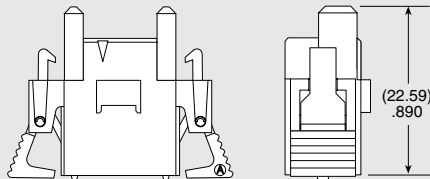
IMS5
= Body, Loose

NO. OF POSITIONS

-02, -03,
-04, -06, -08

02

-02
= Plastic
Latch



Insulator & Latch Material: Nylon 6/6

TYPE

CC46L
= Contact,
Loose
CC46R
= Contact,
Full Reel

1416

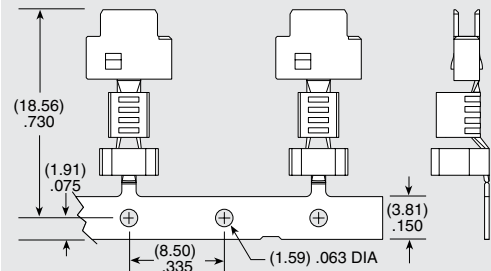
-1416
= 14 to 16 AWG

01

PLATING OPTION

-L
= 10 μ "
(0.25 μ m)
Gold on contact

-T
= Matte Tin



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 μ m) Ni

Operating Temp Range:

-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

Voltage Rating:

600 VAC/848 VDC

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

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

MPT

POWER PINS

-02, -03,
-04, -06, -08

LEAD STYLE

-6.30
= (6.30 mm) 0.248"
(-V only)

-01
= Right-angle
(-RA only)

TAIL LENGTH

-01
= Use with
(1.60 mm) .062"
Thick PCB

-03
= Use with
(2.36 mm) .093"
Thick PCB

PLATING OPTION

-L
= 10 μ " (0.25 μ m)
Gold on contact,
Matte Tin on tail

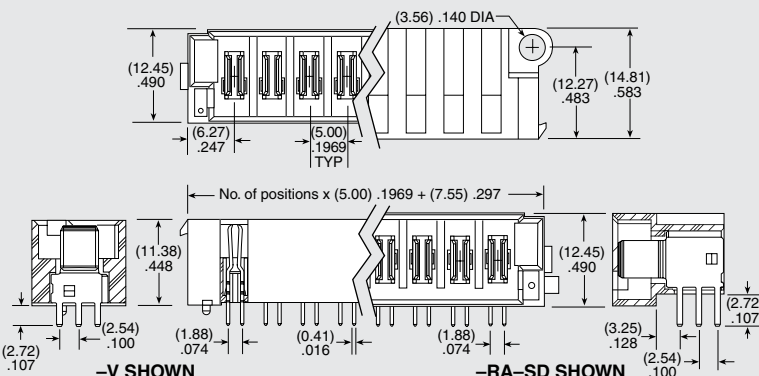
-T
= Matte Tin

TAIL

-V
= Vertical
-RA
= Right-angle

SD

-SD
= Screw
Down
(-RA only)



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

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.