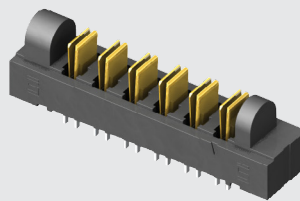
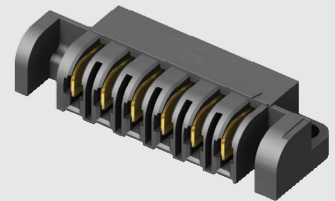



**POWER[™]
STRIP³⁰**


FMPT-06-01-L-S-V



FMPS-06-01-L-S-RA-SD

(5.00 mm) .1969"**FMPS, FMPT SERIES**

"HINGING" 30A POWER HEADER & SOCKET

SPECIFICATIONS

For complete specifications see www.samtec.com?FMPS or www.samtec.com?FMPT

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:

410 VAC/580 VDC

Standard Creepage:

FMPS: (3.67 mm) .144"

FMPT: (6.53 mm) .257"

Standard Clearance:

(2.71 mm) .106"

RoHS Compliant: Yes

Lead-Free Solderable: Yes

FMPT/FMPS	
PINS	CURRENT RATING (PER CONTACT)
1	31.4 A
2	28.1 A
3	25.7 A
4	23.4 A
8	20.6 A
-L PLATING	

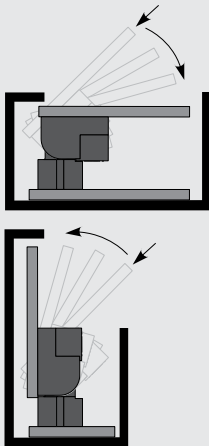
RECOGNITIONS

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



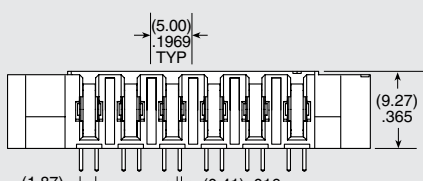
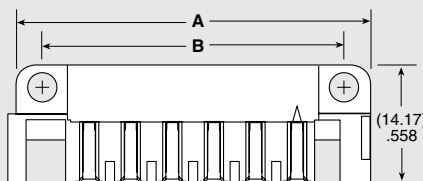
FILE NO. E111594

APPLICATION



Ideal for blind mating applications.

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

FMPS**NO. OF
POSITIONS****01****PLATING
OPTION****S****RA****OPTION**
02, 04, 06, 08
(Standard sizes)

-SD OPTION
(6 POSITIONS SHOWN)

ALSO AVAILABLE
(MOQ Required)

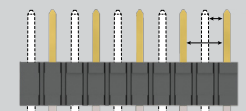
• Other sizes

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

NUMBER OF POSITIONS	A	B	C
-02	(22.63) .891	(16.28) .641	(15.63) .615
-04	(32.63) 1.285	(26.28) 1.035	(25.63) 1.009
-06	(42.63) 1.678	(36.28) 1.428	(35.63) 1.403
-08	(52.63) 2.072	(46.28) 1.822	(45.63) 1.796

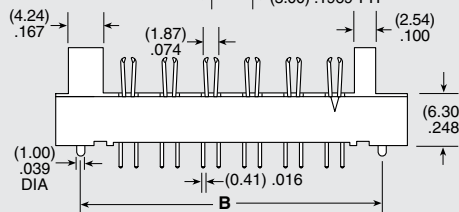
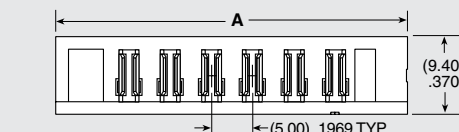
-SD
= Screw Down
(Not Available with -LC)
-LC
= Locking Clip
(Manual placement required)
(Not Available with -SD)

CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements.

Contact asp@samtec.com

FMPT**NO. OF
POSITIONS****01****PLATING
OPTION****S****V****OPTION**
02, 04, 06, 08
(Standard sizes)

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

-LC
= Locking Clip
(Manual placement required)

NUMBER OF POSITIONS	A	B
-02	(22.63) .891	(16.53) .651
-04	(32.63) 1.285	(26.53) 1.044
-06	(42.63) 1.678	(36.53) 1.438
-08	(52.63) 2.072	(46.53) 1.832

WWW.SAMTEC.COM

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.