

NOTES:

1) CAPACITANCE (1000hrs.): 1000pF

2) CAP TOLERANCE: ±20%

3) DISSIPATION FACTOR: 4% MAX.

4) INSULATION RESISTANCE: 25°C 1GOHM

5) 200 VDC RATED @ +125℃

6) DIELECTRIC WITHSTANDING VOLTAGE: 700 VDC

7) CURRENT RATING: 10 AMPS

8) REFLOW TEMPERATURE LIMIT: +235°C FOR 5 SEC.

9) PACKAGING: TAPE & REEL (500 OR 2000 PCS.)

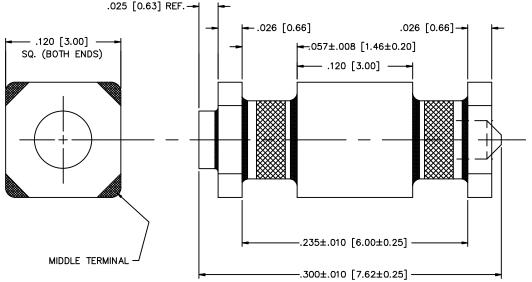
MARKING:

PART: NONE

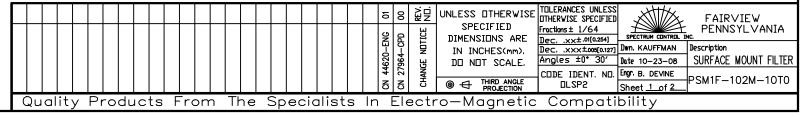
PACKAGE: PART NO.

SCI DATE CODE

QTY.

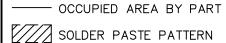






MOUNTING INFORMATION

LEGEND



RECOMMENDED PAD,
MUST BE ABLE TO SUPPORT
CONTINUOUS SIGNAL CURRENT.

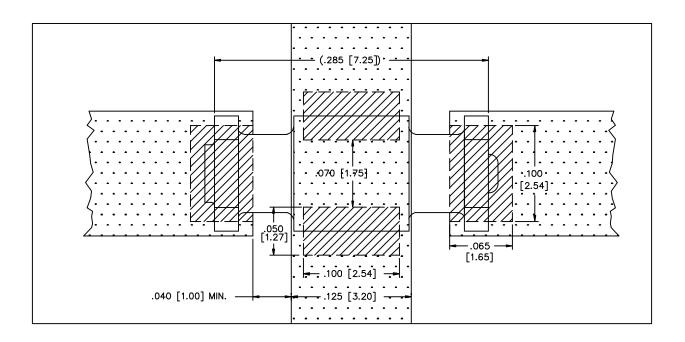
CIRCUIT CONFIGURATION

INPUT OF TO OUTPUT

GROUND

TYPICAL INSERTION LOSS: 5dB @ 10MHz 14dB @ 30MHz 19dB @ 50MHz

14dB @ 30MHz 19dB @ 50MHz 30dB @ 100MHz 35dB @ 300MHz 30dB @ 500MHz 30dB @ 1GHz





| | | | | | | | | | | | | | | | | | | | | | | R N N N | U | NLESS OTHERWISE | TOLERANCES UNLESS OTHERWISE SPECIFIED | | FAIR∨IEW |
|---|---|--|--|--|---|----|---|-----|----|---|---|---|---|-----|----|---|-----|--|--|--|--|------------------|---|-----------------|---------------------------------------|--------------------|----------------------|
| | | | | | S | ΞΕ | 5 | 3HI | EΕ | Τ | 1 | F | | ۱ ۲ | RE | V | Ν | | | | | TICE | | | Fractions ± 1/64 Decxx± .01 | SPECTRUM CONTROL I | PENNSYLVANIA |
| Ш | | | | | | 1 | l | l | | | | l | l | | ı | 1 | - 1 | | | | | 모 | | IN INCHES. | Decxxx±.005 | | Description |
| П | | | | | | | | | | | | | | | | | | | | | | 岁 | | | Angles ±0° 30′ CODE IDENT. NO. | Date 5-15-06 | SURFACE MOUNT FILTER |
| Ш | | | | | | | | | | | | | | | | | | | | | | CHA | | DO NOT SCALE. | | Sheet 2 of 2 | PSM1F-102M-10T0 |
| | Quality Products From The Specialists In Electro-Magnetic Compatibility | | | | | | | | | | | | | | | | | | | | | | | | | | |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

API Technologies: PSM1F-102M-10T0