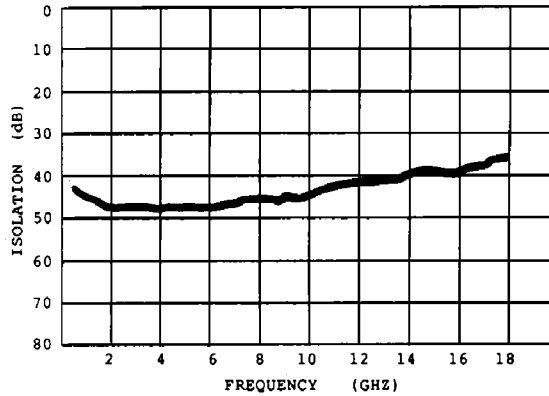
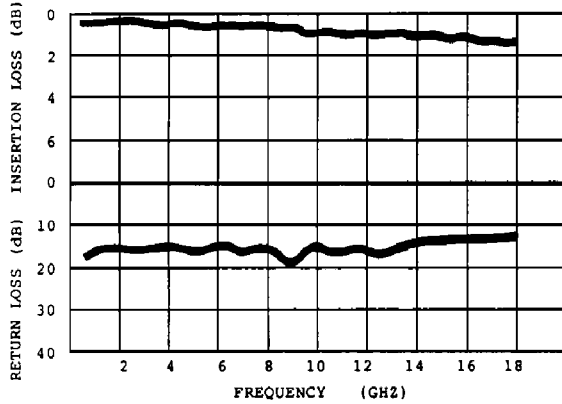


Typical Performance
ML6598-102



Outline Drawing - MiCM Type Code S2A2-12F12-2-12-N

Third Angle Projection

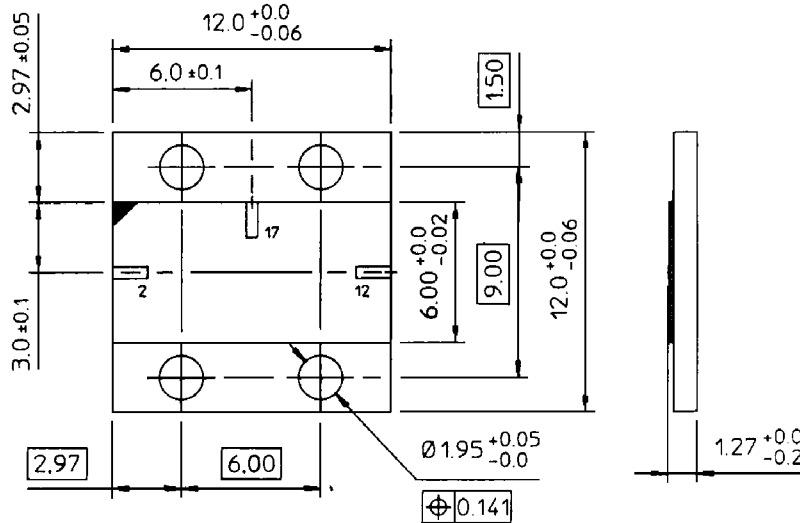
All dimensions in mm

Tolerances X.X = ±0.2mm
X.XX = ±0.1mm

Carrier Material: Kovar with gold plate finish

Substrate Material: RT Duroid 5870

Port	Function
2	RF Input
12	RF Output
17	Bias Input



NOTES:

- 1) J1 is RF input, J2 is RF output.
- 2) Devices contain internal bias network and dc blocking capacitors on both input and output.
- 3) DC bias requirements +1V @ 50mA typical, +100mA maximum for isolation
-10V typical, -15V maximum for low loss
- 4) Transition time is defined as 10% to 90% detected RF as measured with standard M/A-COM Ltd driver.
- 5) Flanged package styles have clearance holes for M1.6 screw (maximum head diameter 2.7mm).
- 6) Bonding pads are typically 0.5mm x 0.5mm.
- 7) Case operating temperature -55°C to +85°C
- 8) Storage temperature -55°C to +125°C.
- 9) Maximum solder/epoxy attachment temperature +130°C.

This data sheet describes a standard range of PIN diode switch modules available from M/A-COM. An extensive library of non standard devices backed by in-house design and engineering support is available to meet specialised customer requirements, please contact the factory for applications assistance on MiCM compatible devices.

Specifications Subject to Change Without Notice.