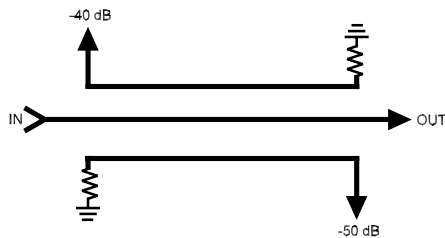


COUPLERS

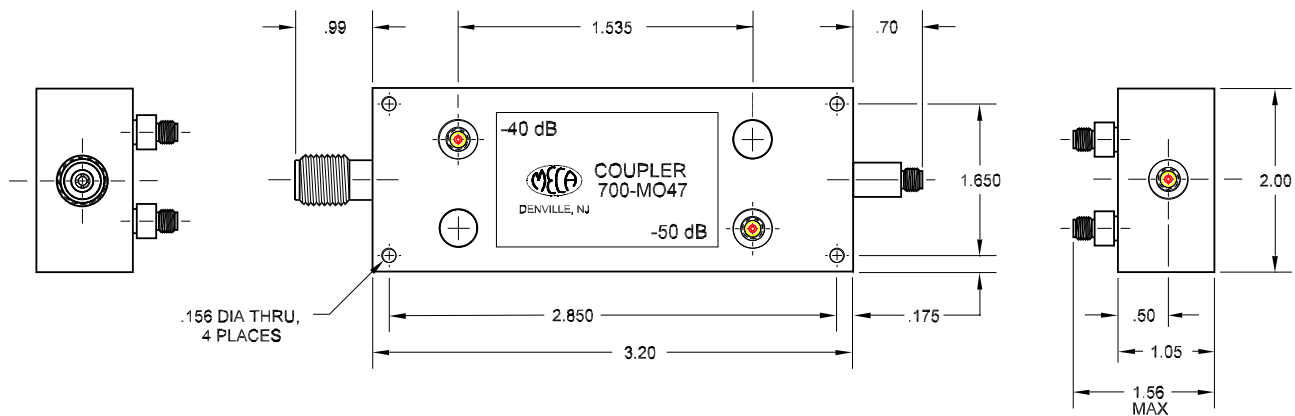


PCS Band, Type N - SMA, 700-M047



FEATURES

- High Power
- Low Insertion Loss, VSWR



COUPLERS

ELECTRICAL SPECIFICATIONS

Frequency:	1.850 - 1.990 GHz
Impedance (Nom):	50 Ohms
VSWR (Max):	1.15:1
Coupling Value:	40.0 dB Incident 50.0 dB Reflected
Coupling Accuracy: (Includes all variations)	± 1.0 dB
Directivity (Min):	20 dB
Insertion Loss (Max): (Excludes coupled power)	0.1 dB
Power (Avg):	250 Watts
Power (Peak):	3 kWatts

MECHANICAL SPECIFICATIONS

Connectors (Type N):	Brass, Nickel Plated
Connectors (SMA):	Stainless Steel, Passivated
Input:	N-Female
Output:	SMA-Female
Coupling:	SMA-Female
Pin, N-Female:	BeCu, Gold Plated
Pin, SMA-Female:	BeCu, Gold Plated
Housing:	Aluminum, Yellow Iridited
Insulators:	Teflon, Virgin Elec. Grade
Temperature:	-65°C to +150°C

Note: Alternate connector styles, frequency range and coupling values are available.
Please contact the factory for further information.

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