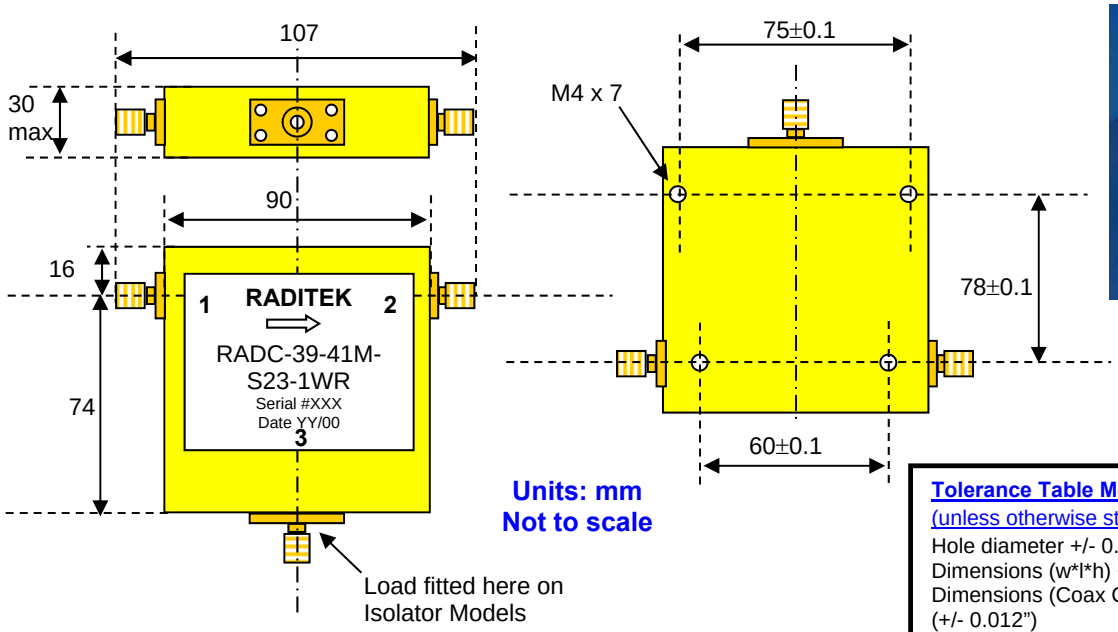
RADITEK INC.

RoHS COMPLIANT

code-b

27-44MHz Isolators or Circulators (Split Bands)

2MHz Bandwidth, SMA Connectors, 1 or 10 Watts



Units: mm
Not to scale

Tolerance Table Metric (inch)
(unless otherwise stated):
Hole diameter +/- 0.1mm, (+/- 0.004")
Dimensions (w*l*h) +/- 0.3 mm, (+/- 0.015")
Dimensions (Coax Connector position) +/- 0.3mm, (+/- 0.012")
Dimensions (hole position) +/- 0.1mm, (+/- 0.04")
Machined surfaces
Flatness 0.025/mm, (0.001/ inch)
Bend radius 0.8mm, (0.031" or 1/32")

Direction of RF:	
R	Default ▶
L	◀

Order Examples: RADI-39-41M-SX-1WR
I=ISOLATOR / C=CIRCULATOR

N / SMA Connector options (X)				
Isolator			Circulator	
Port 1	Port 2		Port 3 Male	Port 3 Female
Female	Male	-1	-11	-21
Male	Female	-2	-12	-22
Female	Female	-3	-13	-23
Male	Male	-4	-14	-24

Specifications:

Specifications: Frequency MHz	BW (max)	Insertion loss dB (max)	Isolation dB (min)	VSWR	Power Fwd Watts (CW)	Power Rev Watts (CW)	Temp Range °C	Connector
27-44	**2MHz**	1.0	17	1.30:1	10	1 or 10	+15 to +35	SMA
27.5-28.5	Full	1.0	15	1.40:1	10	1 or 10	+15 to +35	SMA
29-31	Full	1.1	16	1.4:1	10	1 or 10	+15 to +35	SMA
31-33	Full	1.1	16	1.4:1	10	1 or 10	+15 to +35	SMA
39-40	Full	1.0	20	1.30:1	10	1 or 10	0 to +50	SMA
39-41	Full	1.0 1.0	15 17	1.50:1 1.35:1	10	1 or 10	0 to +50	SMA

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40-41	Full	1.0	17	1.30:1	10	1 or 10	+15 to +35	SMA

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