

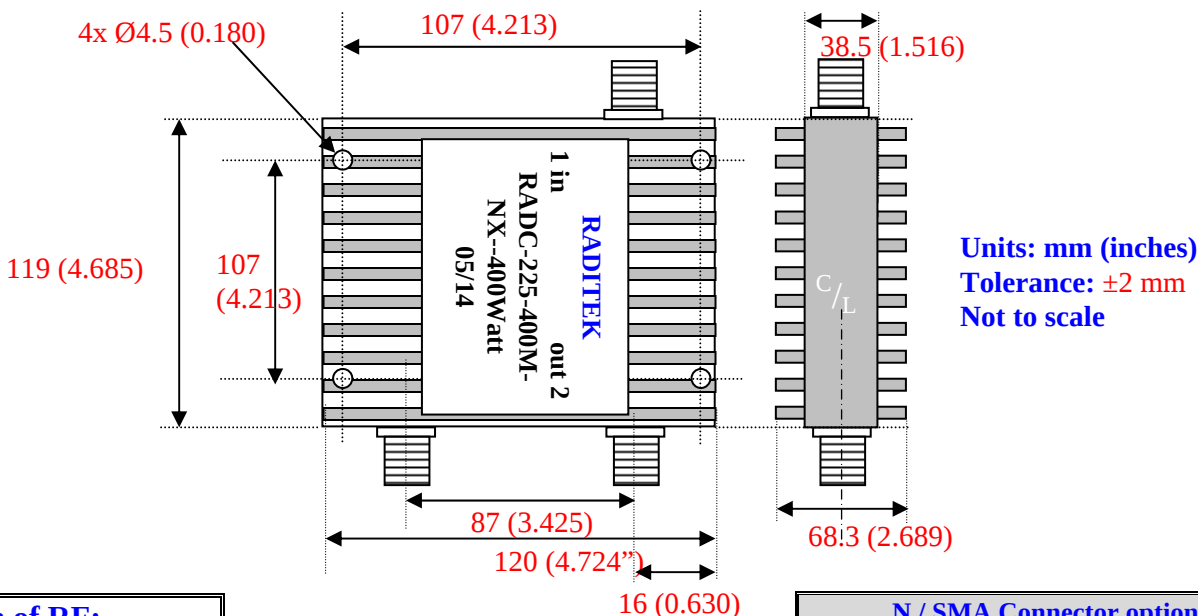
225 to 400 MHz, Circulator or Isolator, Full Band

RADC-225-400M-NX or SX-100W

Power Option (For Circulators with N-Type Connectors) 150W, 200W and 400W

RADI-225-400M-NX-300W (Circulator + External Connectorized load)

Isolator has either a 50-70W Internal load or up to 300W coaxial external load



Direction of RF:	
R	Default 
L	

Order Examples: RADC-225-400M-NX-100WR

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:	15~35°C (-10~50°C)	Units
Frequency	225-400	MHz (Full band)
Insertion loss	1.0 (1.5)	dB maximum
Isolation	17 (15)	dB minimum
VSWR	1.4:1 (1.5:1) max.	dB minimum
Rated Forward power	400	Watt
Reflected power	300 (termination) alternate 200 // 150 // 100	Watt (assumes infinite heat sink)
Input connector	Type N	
Output connector	Type N	
Operating temperature	0 to 45	°C
Storage temperature	-10 to 80	°C
Altitude	to 15,000	feet
Humidity	45 to 95	%RH

RADCorI-225-400M-NX-300W-b

Specifications may be subject to change

07/10/07

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