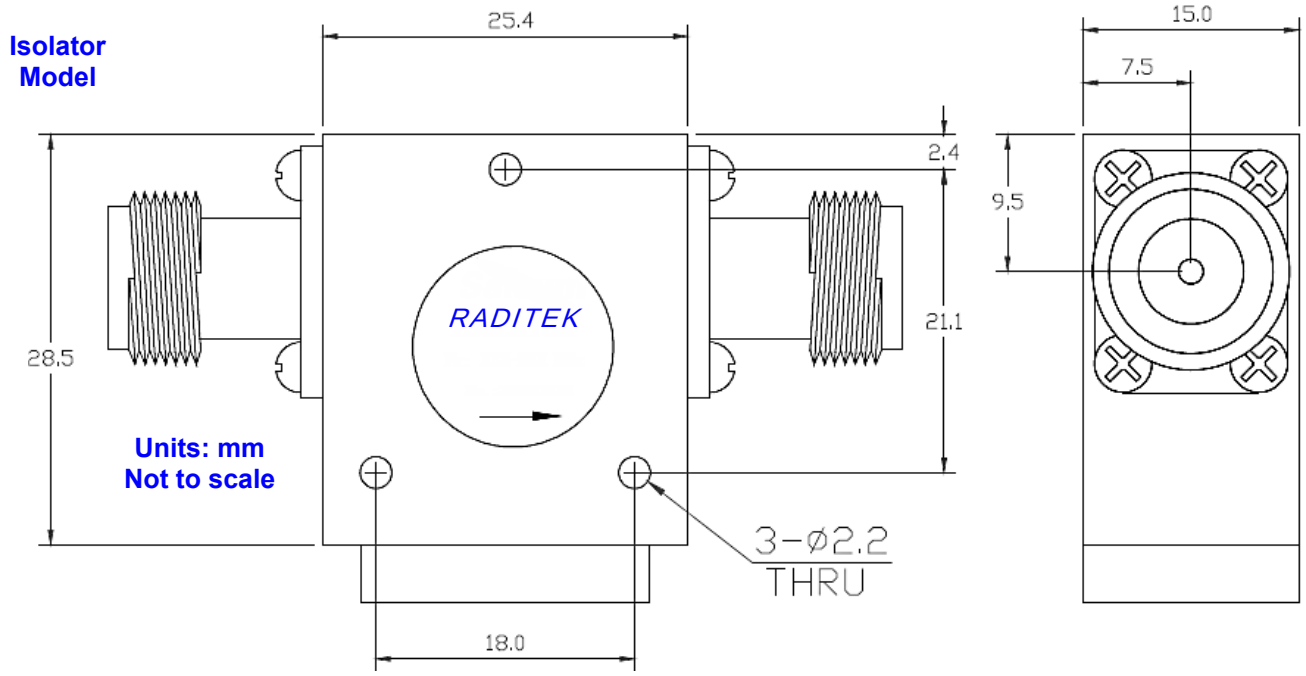
RADITEK INC.

RoHS COMPLIANT

Code-g18

Coaxial Isolator or Circulator 790-960MHz, de1, Split Bands

SMA connectors 10 / 20 / 100 Watts Reverse Power, 30 / 100Watts Forward Power



Direction of RF:	
R	Default ▶
L	◀

Order Examples: RADI-860-875M-de1-S3-20WR-100W-Fwd-g18
I=ISOLATOR

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:

Frequency MHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Reverse Power Watts	Forward Power Watts	Operating Temp °C	Connector
790-810	≤0.4	≥20	≤1.20 :1	10	30	-30 to +70	SMA
860-875	≤0.30	≥23	≤1.20 :1	20	100	-30 to +70	SMA

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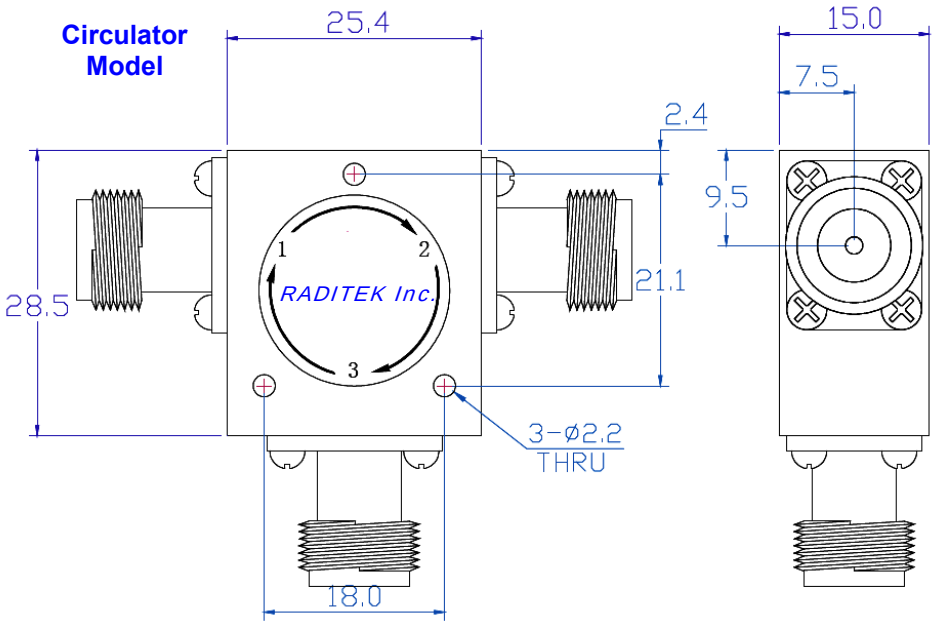
Circulator Model



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")
Machined surfaces
Flatness 0.025/mm, (0.001/ inch)
Bend radius 0.8mm, (0.031" or 1/32")

Units: mm
Not to scale

Direction of RF:	
R	Default ▶
L	◀

Order Examples: RADC-935-960M-S23-100WR-100W Fwd-g18
C=CIRCULATOR

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:

Frequency MHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Reverse Power Watts	Forward Power Watts	Operating Temp °C	Connector
935-960	≤0.5	≥20	≤1.25 :1	100	100	-30 to +70	SMA Female

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