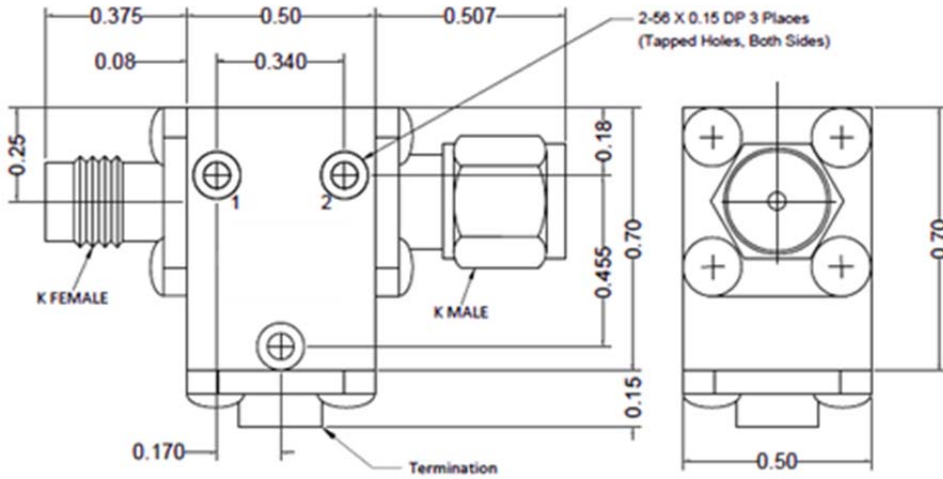


Isolator, 18-40 GHz, Full or Split Bands K Connectors, 2 Watts, Thermal Vacuum Environment



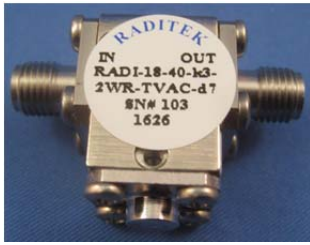
Tolerance Table Metric (inch)
(unless otherwise stated):

- Hole diameter +/- 0.1mm, (+/- 0.004")
- Dimensions (w*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")

Units: Inch
Not to scale



Material Specifications	
Connectors	Passivated Stainless steel
Contact Pins	Beryllium Copper, gold plate
Environmental	TVAC Compatible

Direction of RF:	
R	Default ▶
L	◀

K Connector options (X)		
Isolator		
Port 1	Port 2	
Female	Male	-1
Male	Female	-2
Female	Female	-3
Male	Male	-4

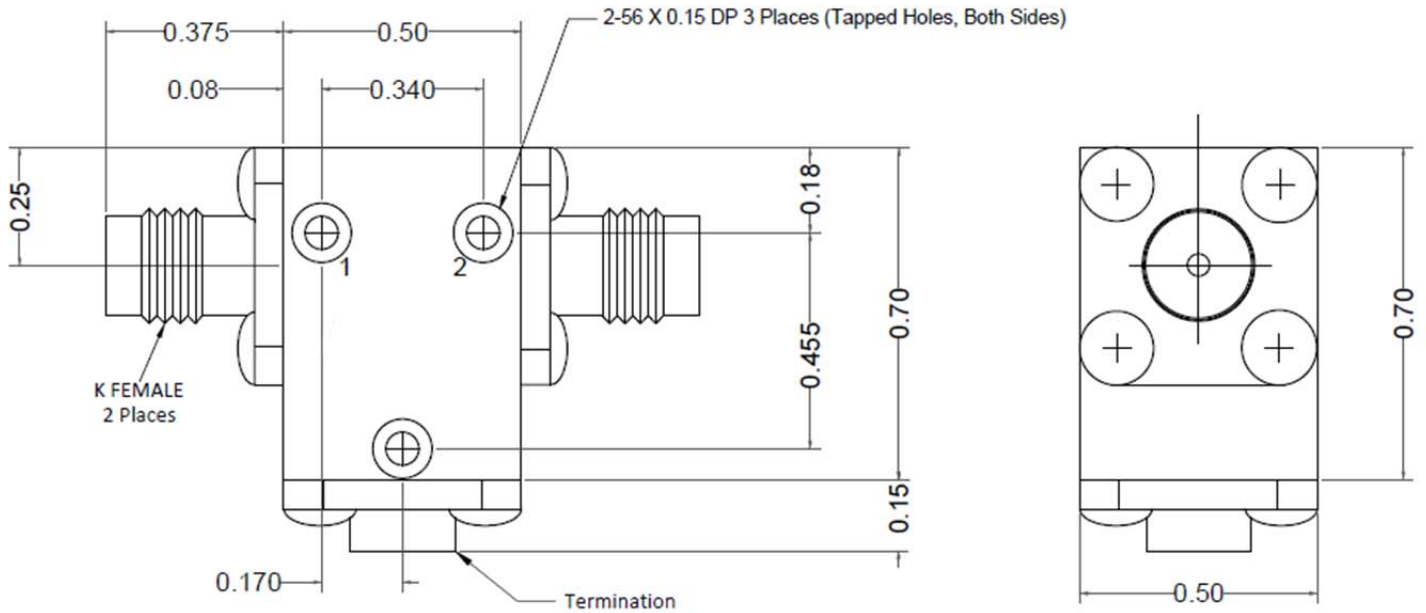
Order Examples: **RADI-26.5-40-K4-2WR**-TVAC-d7
I=ISOLATOR

Specifications:

Frequency MHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Average Power (port 1 to 2)	Reflective Power (Term.)	Peak Power	Operating Temp °C	Connector	Weight Oz.
25-32	0.6	14	1.4:1	5	2	30	-20 to +65	K	0.4
32-40	1.0	14	1.5:1	5	2	30	-20 to +65	K	0.4
18.0-40.0	2.1	9	2.1:1	5	2	30	-20 to +65	K	0.9
26.5-40.0	0.8 typ. 1.0 max	15 typ. 14 min	1.45 typ. 1.50 max	5	2	30	-20 to +65	K	0.9
26.5-40.0	1.0 max	14 min	1.50 max	5	2	30	-40 to +65	K	0.9

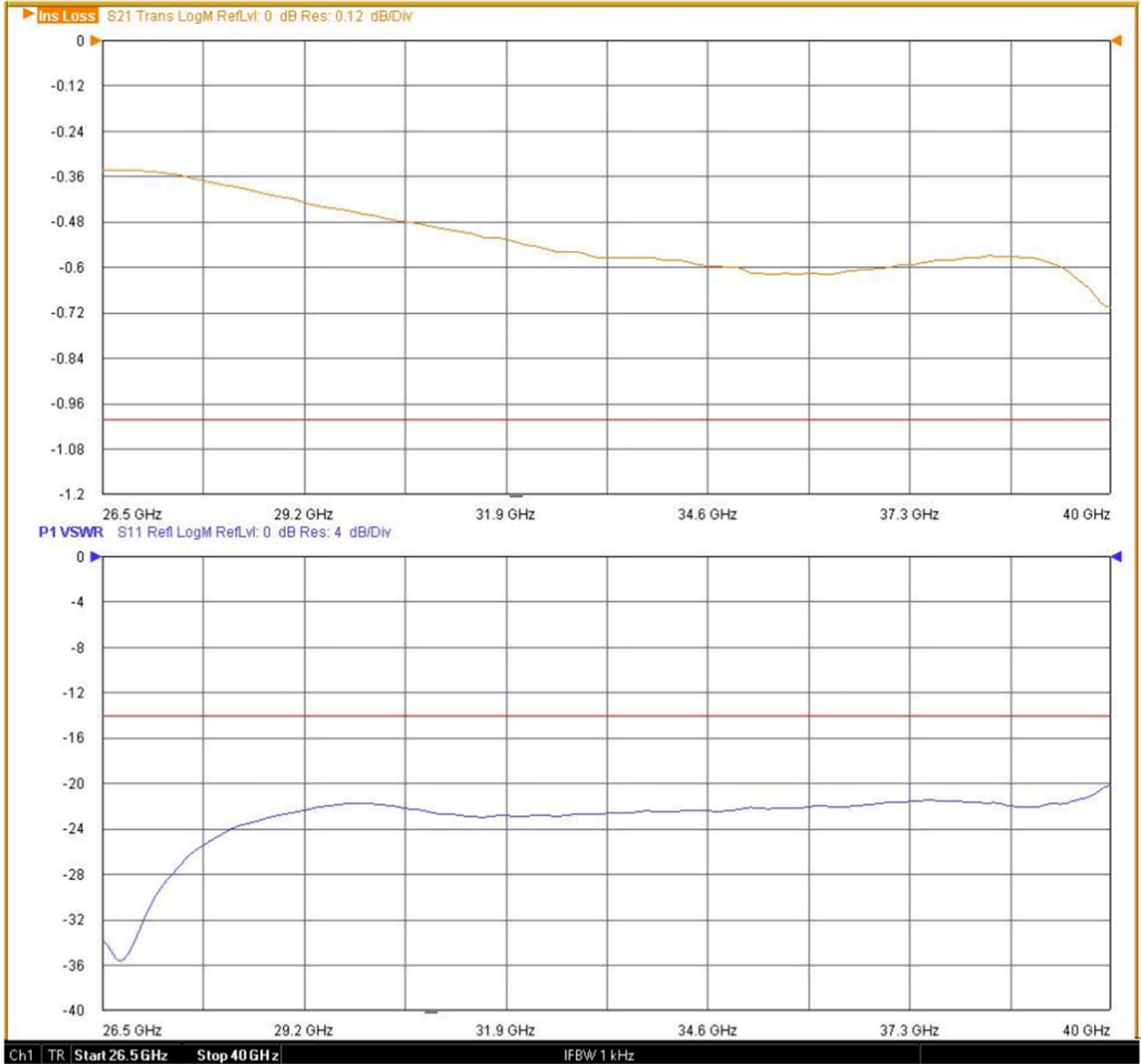
Isolator, 18-40 GHz, Full or Split Bands K Connectors, 2 Watts, Thermal Vacuum Environment

RADI-18-40-K3-2WR-TVAC-d7



Isolator, 18-40 GHz, Full or Split Bands K Connectors, 2 Watts, Thermal Vacuum Environment

Plots for **RADI-26.5-40-K4-2WR-TVAC-d7**(Operating Temperature -40 to +65°C)



Isolator, 18-40 GHz, Full or Split Bands K Connectors, 2 Watts, Thermal Vacuum Environment

Plots for **RADI-26.5-40-K4-2WR-TVAC-d7**(Operating Temperature -40 to +65°C)

