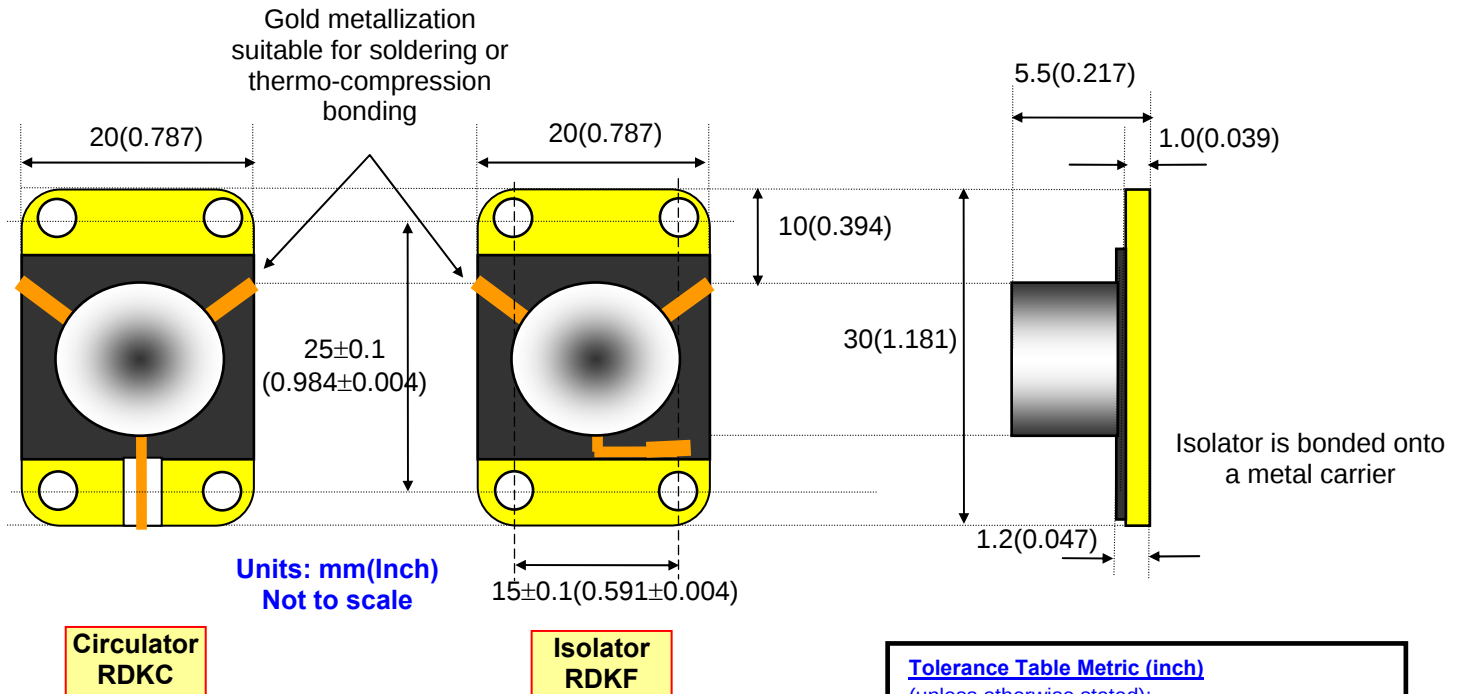


RDKF, RDKC-80 series

Isolator or Circulator, 1.7-2.9GHz Part Bandwidth



Direction of RF:	
R	Default →
L	←

Order Examples: RDKF-1.7-2.4-80-10WR
F=ISOLATOR / C=CIRCULATOR

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

Hole diameter +/- 0.1mm, (+/- 0.004")
Dimensions (w*h) +/- 0.3 mm, (+/- 0.015")
Dimensions (Microstrip pad, +/- 0.1mm, (+/- 0.04")
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")

Specifications:						Units
Frequency	1.7-2.4	1.8-2.2	1.9-2.4	1.9-2.6	2.0-2.5	GHz(full band)
Bandwidth (F2-F1)	Full	Full	Full	(500M)	Full	
Insertion loss	0.5	0.6	0.6	0.6	0.6	dB (maximum)
Isolation	20	17	17	17	17	dB (minimum)
VSWR	1.3:1	1.3:1	1.3:1	1.3:1	1.3:1	
Rated power- Forward	10	15	15	15	15	Watts (max)
Rated power- Reverse	0.25,1,5,10	0.25,1,5,10	0.25,1,5,10	0.25,1,5,10	0.25,1,5,10	Watts (max)
Operating temperature	-30 to +70	-30 to +70	-30 to +70	-30 to +70	-30 to +70	°C
			e	e		

RDKF, RDKC-80 series
Isolator or Circulator, 1.7-2.9GHz Part Bandwidth

Specifications:						Units
Frequency	2.3-2.5	2.35-2.65	2.3-2.7	2.4-2.5	2.4-2.8	GHz(full band)
Bandwidth (F2-F1)	Full	Full	Full	Full	Full	
Insertion loss	0.4	0.4	0.5	0.4	0.5	dB (maximum)
Isolation	20	22	20	22	20	dB (minimum)
VSWR	1.28:1	1.25:1	1.28:1	1.25:1	1.25:1	
Rated power- Forward	15	15	15	15	15	Watts (max)
Rated power- Reverse	0.25,1,5,10	0.25,1,5,10	0.25,1,5,10	0.25,1,5,10	0.25,1,5,10	Watts (max)
Operating temperature	-30 to +70	-30 to +70	-30 to +70	-30 to +70	-30 to +70	°C
	e		e		e	

Specifications:						Units
Frequency	2.7-2.9					GHz(full band)
Bandwidth (F2-F1)	Full					
Insertion loss	0.4					dB (maximum)
Isolation	20					dB (minimum)
VSWR	1.22:1					
Rated power- Forward	15					Watts (max)
Rated power- Reverse	0.25,1,5,10					Watts (max)
Operating temperature	-30 to +70					°C
	e					