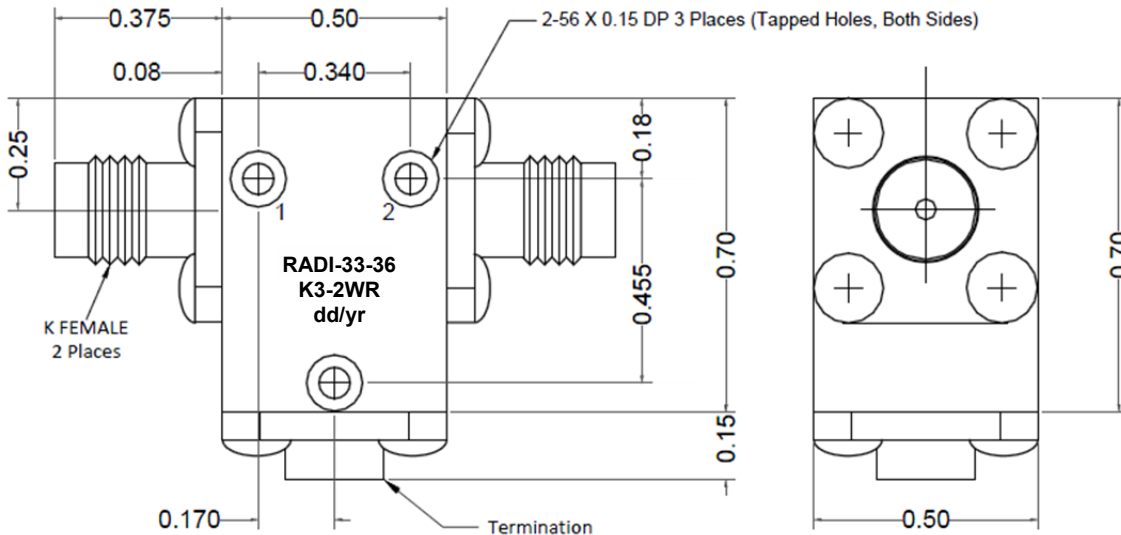
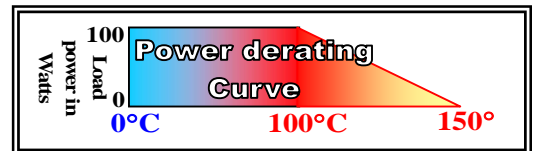


## Isolator Coaxial, 25.5-36.0GHz, Split Bands K Connectors, 2 Watts



Units: Inch  
Not to scale



Direction of RF:	
R	Default ▶
L	◀

Order Examples: **RADI-33-36-K3-2WR-d7**  
**I=ISOLATOR**

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

Material Specifications	
Connectors	Passivated Stainless steel
Contact Pins	Beryllium Copper, gold plate
Weight	0.40 Ounces

Electrical Specifications				Units
Frequency	27-30	27-31	27.0-31.5	GHz
Insertion Loss	0.60	0.60	0.60	dB max
Isolation	20	20	20	dB min
VSWR	1.25:1	1.25:1	1.22:1	Max
Average Power (port 1 to 2)	5	5	5	Watts
Reflective Power	2	2	2	Watts
Peak Power	30	30	30	Watts
Connectors	K (2.92mm) female	K (2.92mm) female	K (2.92mm) female	
Temperature Range	-30 to + 70	-30 to + 70	-10 to + 60	°C
RFI	-65	-65	-65	dBc

RADI-25.50-36.0-Kx-2WR-Generic-d7

Specifications may be subject to change

01/17/17

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

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WEB: www.raditek.com

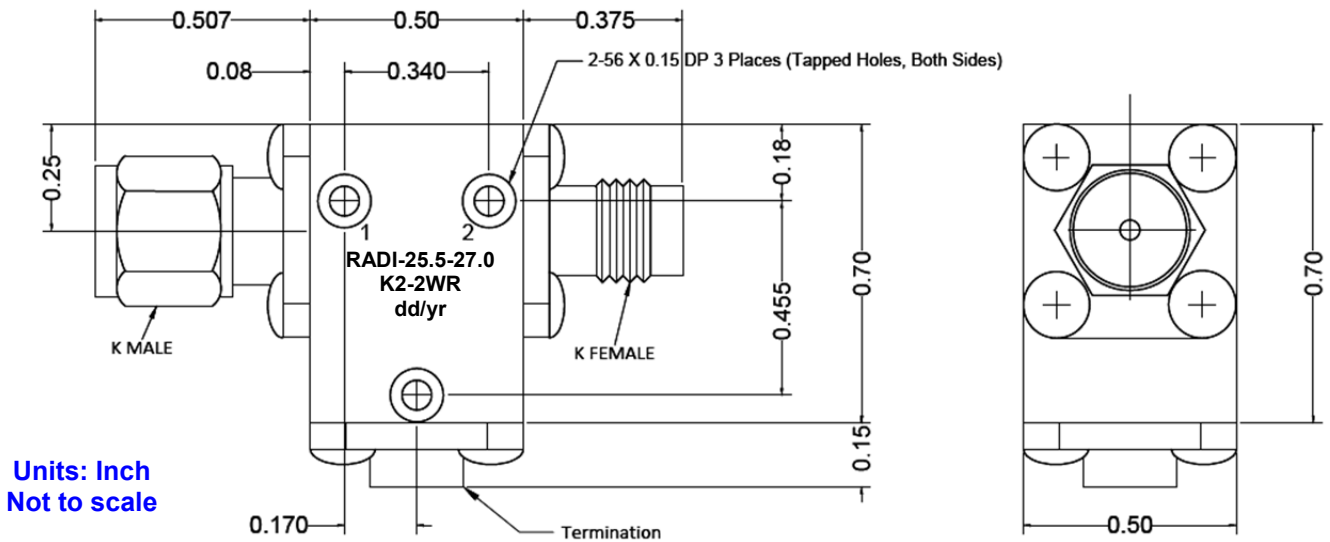
E-mail: sales@raditek.com

## Isolator Coaxial, 25.5-36.0GHz, Split Bands K Connectors, 2 Watts

**Specifications:**

Frequency GHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Reflective Power(Term) Watts	Forward Power Avg Watts	Peak Power Watts	Operating Temp °C	Weight Ounces	Connector
25.5-27.0	0.60	20	1.20:1	2	5	30	-20 to +65	0.40	K
33-36	0.70	17	1.40:1	2	5	30	-55 to +85	0.40	K

**Isolator with  
K-Male / K Female  
Dimensions**

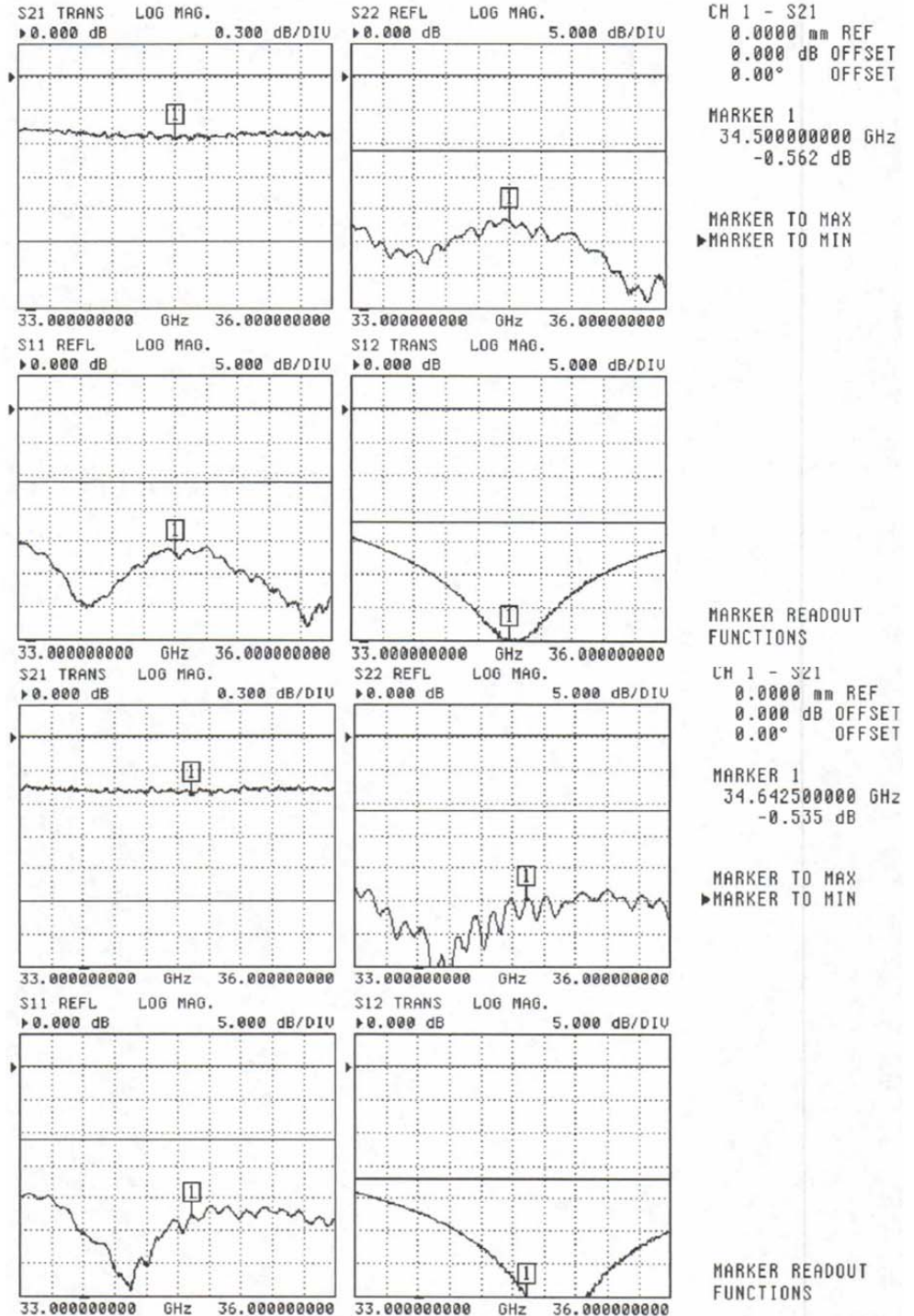


## Isolator Coaxial, 25.5-36.0GHz, Split Bands K Connectors, 2 Watts

### Test Data 33-36GHz

Result test at +25°C	
Isolation	17dB
Insertion loss	0.70dB
VSWR	1.40:1

Result test at -55°C	
Isolation	17dB
Insertion loss	0.70dB
VSWR	1.40:1



## Isolator Coaxial, 25.5-36.0GHz, Split Bands K Connectors, 2 Watts

### Test Data 25.5-27.0GHz

