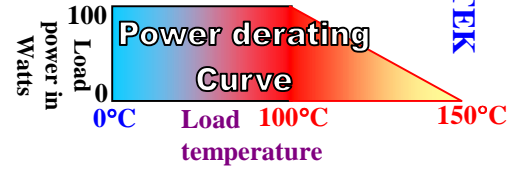
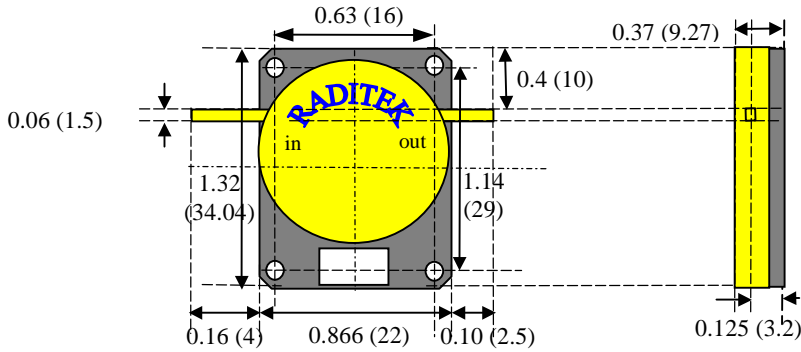


RI-KP1-isolator



KP1 Model (de - 1" x 1.25" size also available)

Mounting holes are 0.110" (2.79mm) diameter.

Tab Height 0.126" (3.2 mm),

Overall height <0.365" (9.27mm)

Flange thickness 0.05" (1.27mm)

Order as:

RI-TT-2.07-2.21- KP1-100W-R-U 100W Load version

RI-TT-2.07-2.21- KP1-100W-R-A20U 100W 20dB Attenuator version

This was developed to meet the very best possible performance for IMD at the UMTS frequencies. IMD is so low it has to be measured on a filtered/diplexed test set.

This unit's performance is guaranteed to far exceed any competition! Other frequencies are available.

Specification 0-85°C

Frequency GHz	Band	Ins. Loss dB	ISO. dB	Ret. Loss:
2070-2210 MHz	UMTS	0.25*	21	21

*0.2dB Insertion loss Typical at Room Temp

Circuit tab detail:

Unit	Length Left	Length Right	Width	Thickness
Inch	0.16	0.10	0.06	0.005
mm	4	2.5	1.5	0.13

IMD: -85dBc target, -82dBc max at 2 x 44.5dBm two tone (2x28W)



General specifications:		
Max. Fwd power:	250 Watts	Average
Max. Rev power(avg): (Load rating)	100 Watts (cd)	Assumes infinite heat sink Load temp to be < 85°C
Peak Power handling	1000 Watts	
Operating temp.	0°C to 85°C	-54°C to 110°C (storage)

Tolerance	.XX	.XXX
Inch	±0.02	±0.010
mm	±0.5	±0.25

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