



# MODELS 202040013, 202040013K 202040016 & 202040016K

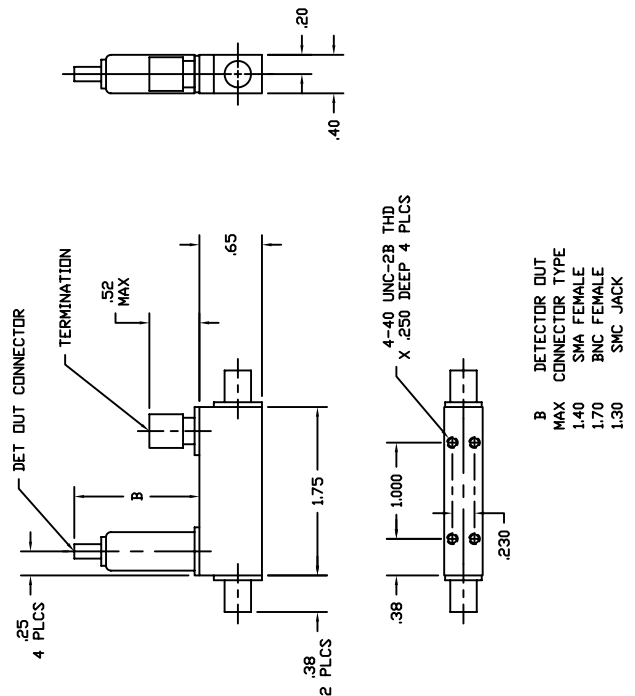
## 2-40 GHz DIRECTIONAL DETECTORS



### SPECIFICATIONS

<b>FREQUENCY RANGE</b>		2-40 GHz
<b>FREQUENCY SENSITIVITY</b> (with respect to output)		± 0.7 dB, 2-20 GHz ± 1.4 dB, 2-40 GHz
<b>DIRECTIVITY</b>	202040013/K	> 15 dB, 2-20 GHz > 11 dB, 20-40 GHz
	202040016/K	> 15 dB, 2-20 GHz > 11 dB, 20-40 GHz
<b>MAXIMUM VSWR</b> (any port)		1.5, 2-20 GHz 1.7, 20-40 GHz
<b>INSERTION LOSS</b>	202040013/K	< 1.0 dB, 2-20 GHz < 1.7 dB, 20-40 GHz
	202040016/K	< 0.9 dB, 2-20 GHz < 1.6 dB, 20-40 GHz
<b>LOW LEVEL SENSITIVITY</b>	202040013/K	> 20 μV/μW
	202040016/K	> 10 μV/μW
<b>DETECTOR OUTPUT CAPACITANCE</b>		3 pF
<b>DETECTOR OUTPUT POLARITY</b>		Negative
<b>POWER RATING</b> (input)	202040013/K	2 W
	202040016/K	4W
<b>STANDARD CONNECTORS</b>		
RF	Model 202040013/16	2.4 mm Female
	Model 202040013K/16K	2.92 mm Female
DET OUT		SMA Female, BNC Female, or SMC Jack
<b>WEIGHT</b> (ounces)		1.8
<b>OPERATING TEMPERATURE</b>		-54° to +85° C

### DIMENSIONS



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