



MODELS 202040013, 202040013K 202040016 & 202040016K

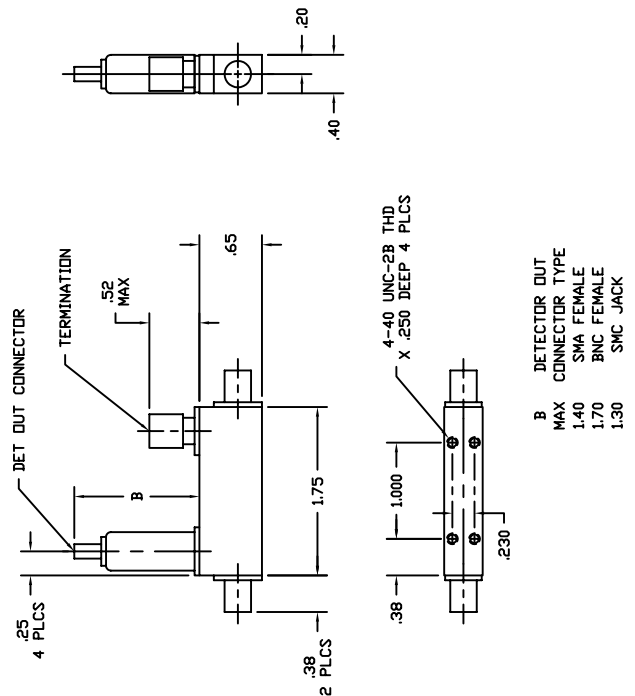
2-40 GHz DIRECTIONAL DETECTORS



SPECIFICATIONS

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

DIMENSIONS



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