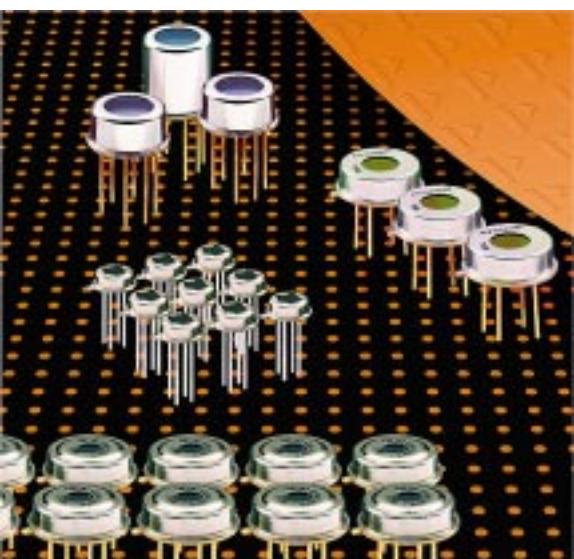
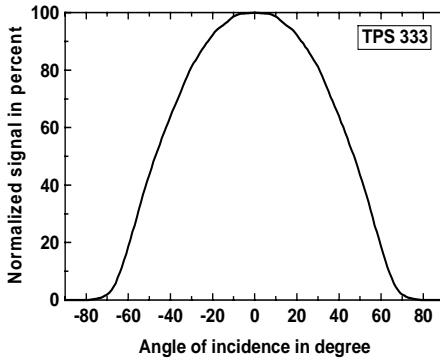
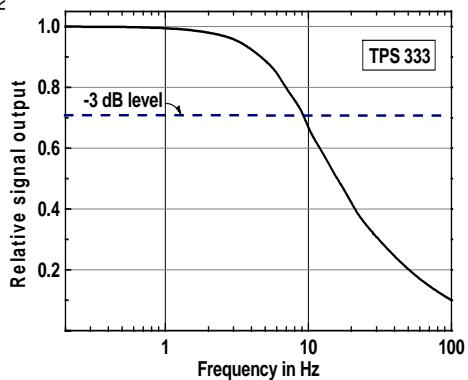
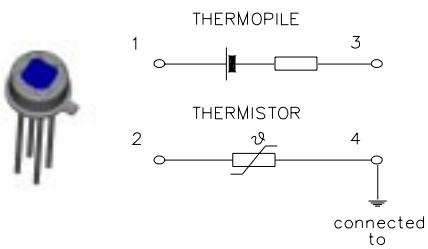


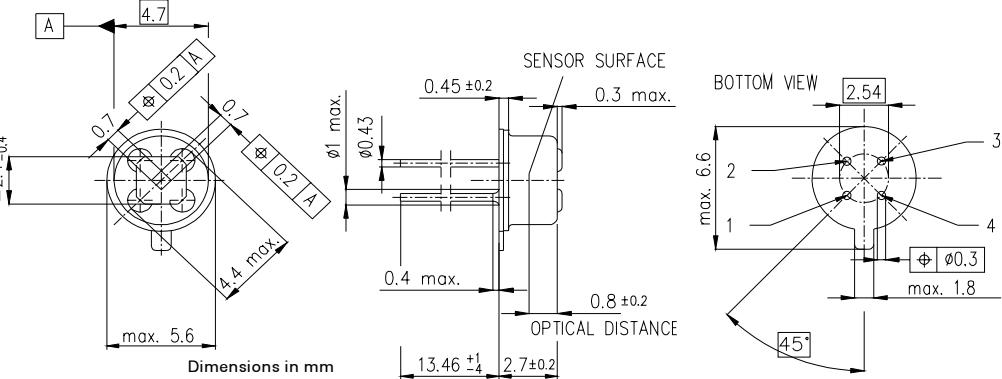
Thermopile Detector **TPS 333**



Bright far modification reserved / WS / 19 12 2001



Parameters		TPS	333	
		typical	units	condition
Sensitive area		0.7 x 0.7	mm ²	absorbing area
Window size		2.4 x 2.4	mm ²	
DC sensitivity		35	V/W	500K BB 5...14µm
Resistance		75	kΩ	
Noise		38	nV/√Hz	r.m.s. 300K,
NEP		1.2	nW/√Hz	500K BB 5...14µm
D*		0.6 x10 ⁸	cm√Hz/W	500K BB 5...14µm
TC of sensitivity		0.02	%/K	
TC of resistance		0.02	%/K	
Time constant		25	ms	
Storage temperature		-40	100	°C
Operating temperature		-40	100	°C
Thermistor	resistance	100	kΩ	25°C
	beta	3964	K	25°C/100°C
Field of view		100	°	at 50% points



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