

DIRECTIONAL COUPLER

For RF Applications in Cable TV Networking Equipment



-  16dB coupling level
-  Value-oriented construction
-  Operating bandwidth of 5MHz to 1000MHz
-  Operating temperature: -40°C to +85°C

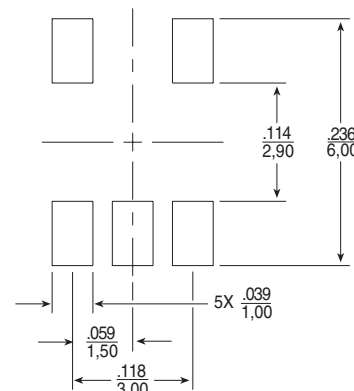
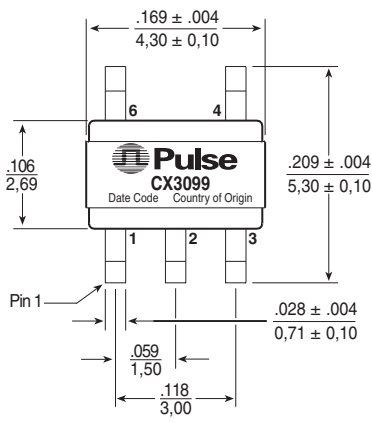
Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Part Number	Frequency (MHz)	Z (Ω)	Coupling		Mainline Loss		Isolation (dB MIN)	Return Loss	
			Nom. (dB)	Flatness (dB MAX)	TYP (dB)	MAX (dB)		TYP (dB)	MIN (dB)
CX3099	10 - 1000	50	16.0 ±2.5	±0.4	0.8	2.0	20	20	10

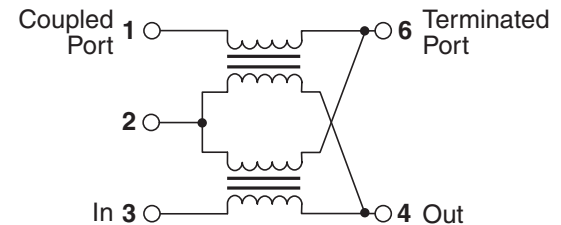
Mechanical

Schematic

CX3099

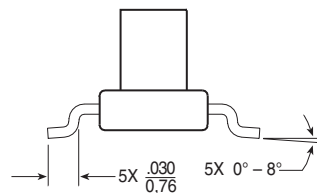
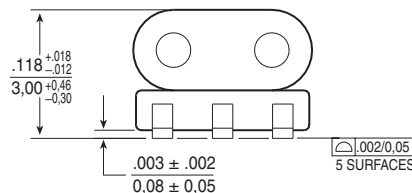


SUGGESTED PAD LAYOUT



Weight0.43 grams
Tape & Reel2200 /reel
Tray100 /tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified, all tolerances are $\pm \frac{.005}{0.13}$



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