






RF SPLITTER/COMBINERS

High Isolation for Cable Media Products and Distribution Equipment : 2-Way; 0°



-  High isolation splitters
-  Operating bandwidth: 5MHz to 1000MHz
-  Excellent amplitude balance
-  Ideal for cable distribution equipment and set top box applications
-  235°C peak IR reflow temperature rating

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

Part Number	Frequency (MHz)	Z (Ω)	Isolation			Return Loss		
			@ 5-40MHz (dB TYP/MIN)	@ 40-600MHz (dB TYP/MIN)	@ 600-1000MHz (dB TYP/MIN)	@ 5-40MHz (dB TYP/MIN)	@ 40-600MHz (dB TYP/MIN)	@ 600-1000MHz (dB TYP/MIN)
CX4012	5 - 1000	75	20/16.5	27/22	27/22	16/12.5	21/18.5	19/18

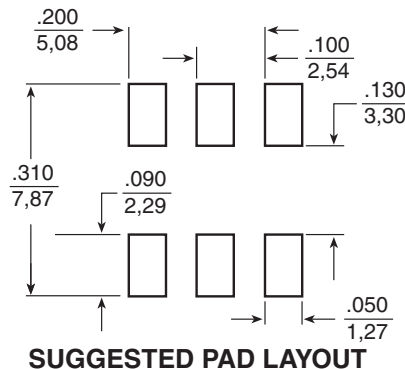
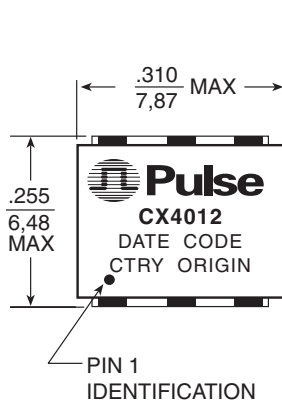
Additional Specifications

Part Number	Insertion Loss (Above 3dB)				Amplitude Unbalance	
	@ 5-40MHz (dB TYP/MAX)	@ 40-600MHz (dB TYP/MAX)	@ 600-870MHz (dB TYP/MAX)	@ 870-1000MHz (dB TYP/MAX)	@ 5-40MHz (dB TYP/MAX)	@ 40-1000MHz (dB TYP/MAX)
CX4012	0.4/0.8	0.4/0.6	0.65/0.85	1.0/1.2	0.3/0.4	0.2/0.3

NOTE: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: CX4012T).

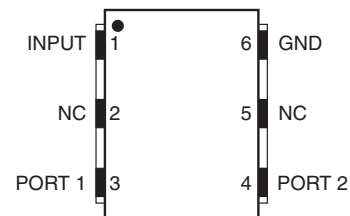
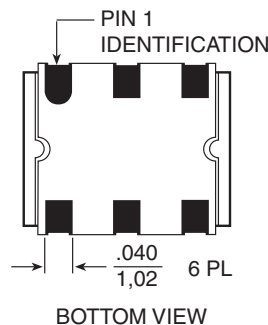
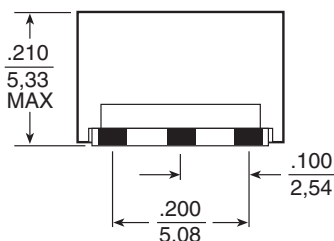
Mechanical

CX4012



Weight0.35 grams
 Tape & Reel850/reel
 Tube65/tube

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



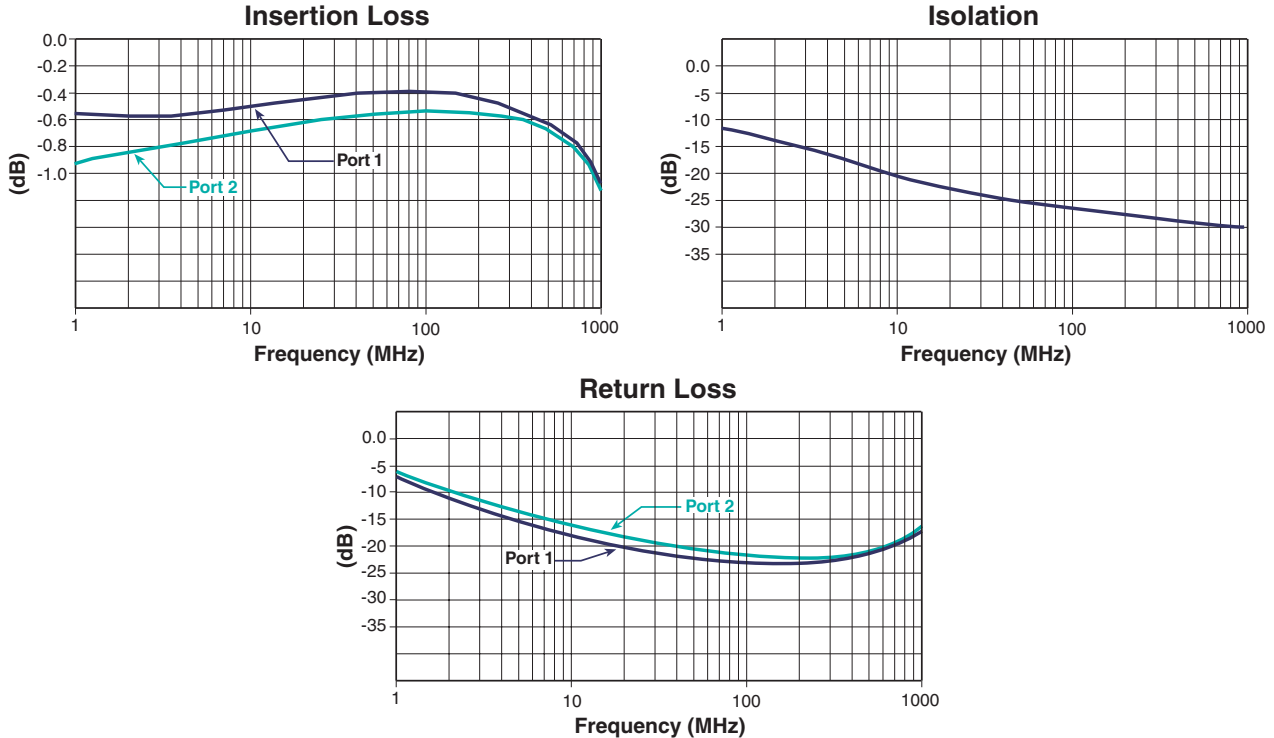
Power Rating: 1 Watt, Max

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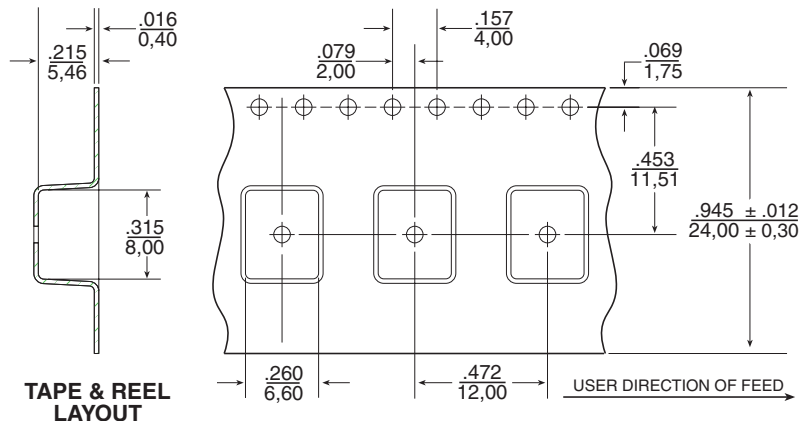
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CX4012 — Typical Performance @ 25°C



CX4012 — Tape and Reel Specifications



For More Information :

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