

Features

- Low Cost
- Industry Standard 1 Inch Drop-in package
- Designed for Wireless Telecom Systems
- 50 Ohms Characteristic Impedance

Description

The PI0860DG-21 is a small low cost drop-in Isolator designed for applications in high performance linear power amplifiers for wireless base stations. These Isolators feature a robust construction for high reliability with excellent IMD performance. CCW rotation and special tab offsets available on request. S-Parameters are also available on request.

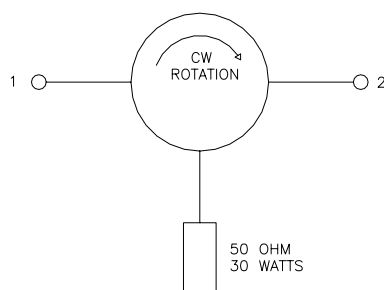


Specifications

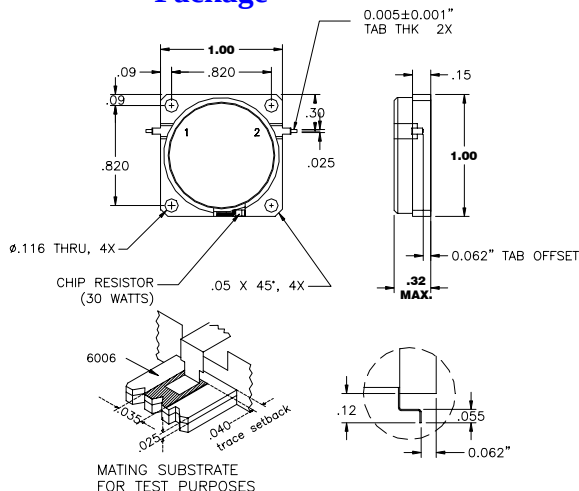
Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	850		870
Insertion Loss (dB)		<. 17	.30
Isolation (dB)	20	>23	
Return Loss (dB)	20	>25	
IMD (dBc) 2T x 37.5 Watts	-70	-75	

Note: Typical values represent Mid-band performance @ 25°C.

Schematic



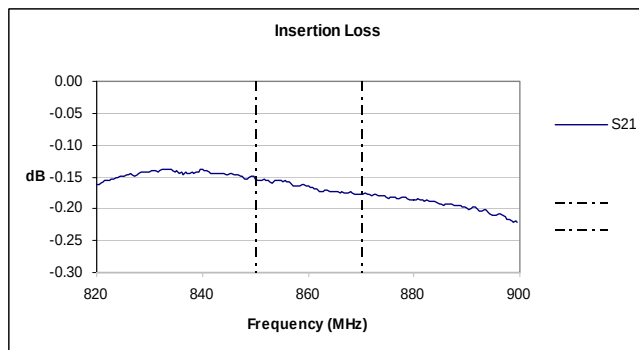
Package



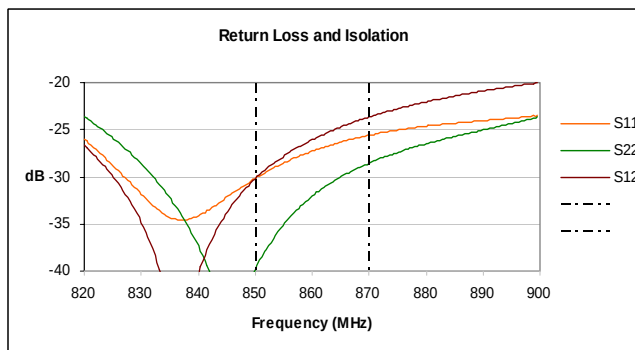
Pin Functions

Function	Pin
INPUT	1
OUTPUT	2

Typical Test Data – Insertion Loss



Typical Test Data – Return Loss and Isolation



Specifications and information on this data sheet are subject to change without notice..

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