

# 积层带通滤波器（平衡输出型）

## 2.5GHz WiMAX用

### DEA系列

Type: DEA212495BT-7212A1 (2.0×1.5×1.0mm max.)

Issue date: December 2010

●记载内容，在没有予告的情况下有可能改进和变更，请予以谅解。

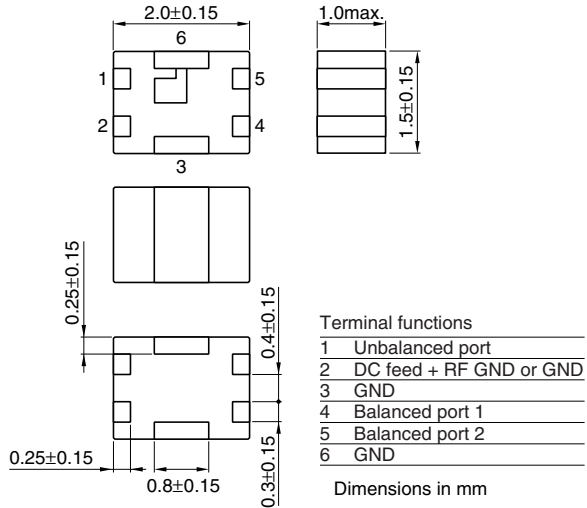
●RoHS指令的对应：表示除了依据EU Directive 2002/95/EC免除的用途之外，未使用铅，镉，汞，六价铬及特定溴系难燃剂PBB，PBDE等。

# 积层贴片带通滤波器 (平衡输出型) 2.5GHz WiMAX用

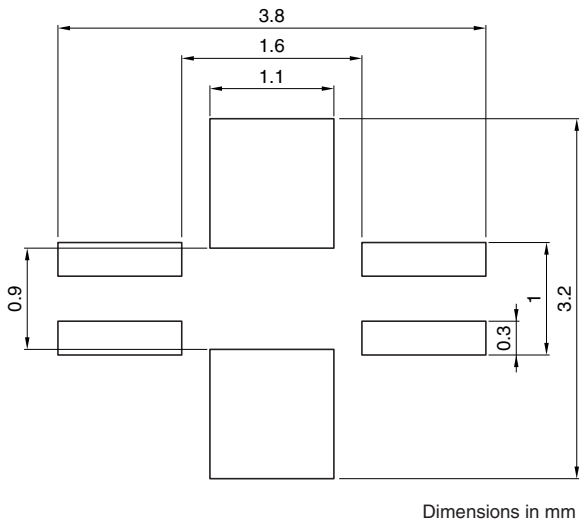
RoHS指令对应产品

DEA 系列 DEA212495BT-7212A1

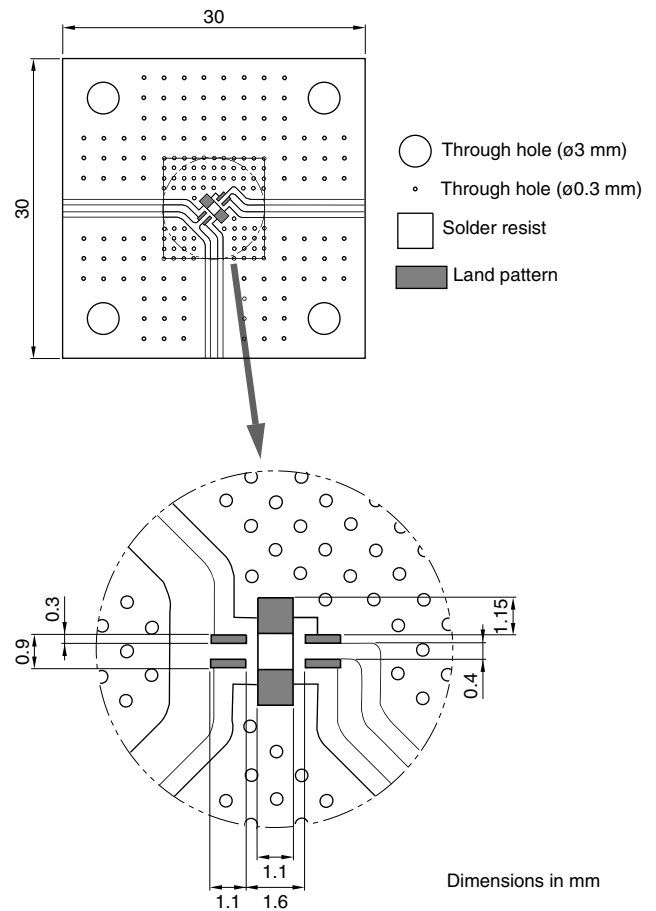
形状·尺寸



推荐印刷电路板图样



EVALUATION BOARD



Line width to be designed to match 50Ω characteristic impedance, depending on PCB material and thickness.

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### 电气特性

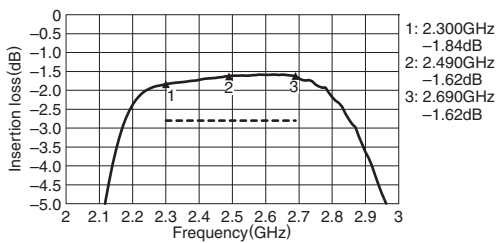
频率范围 (频带)	2300 to 2690MHz	
不平衡阻抗	50Ω[Nominal]	
平衡阻抗	50Ω[Nominal]	
插入损耗	[+25°C]	2.8dB max.
衰减量	[DC to 800MHz]	15dB min.
	[800 to 960MHz]	35dB min.
	[960 to 1700MHz]	15dB min.
	[1700 to 1900MHz]	15dB min.
	[1900 to 1980MHz]	10dB min.
不平衡回波损耗	[4900 to 5900MHz]	30dB min.
	[5900 to 11000MHz]	15dB min.
相位差	180±15deg.	
电平差	0±1.5dB	
温度范围	工作时	-40 to +85°C
	保存时	-40 to +85°C

• Ta: +25°C

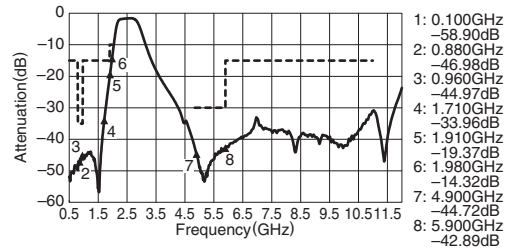
### 频率特性

Unbalance 50Ω/Balance 50Ω

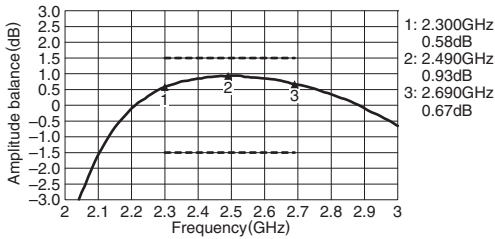
#### SDS21 INSERTION LOSS



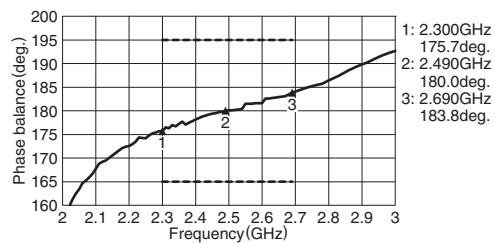
#### SDS21 ATTENUATION



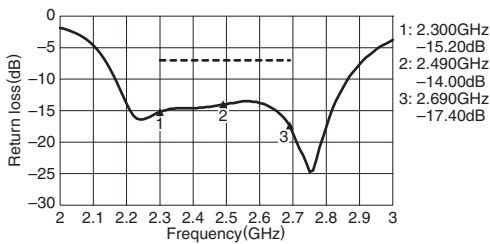
#### AMPLITUDE BALANCE



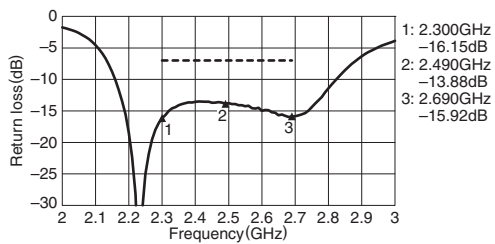
#### PHASE BALANCE



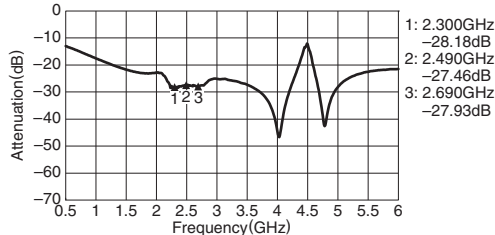
#### S11 UNBALANCE RETURN LOSS



#### SDD22 BALANCE RETURN LOSS

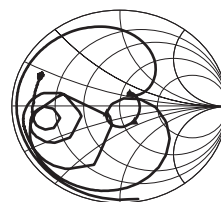


#### SCS21 ATTENUATION



#### 史密斯圆图

##### S11



##### SDD22

