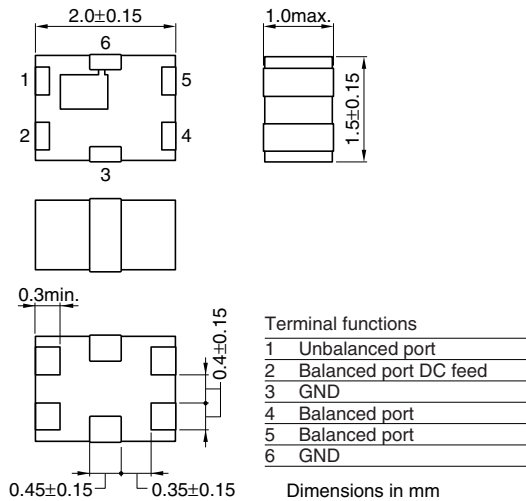


Multilayer Chip Band Pass Filters(Balance Output Type) Conformity to RoHS Directive

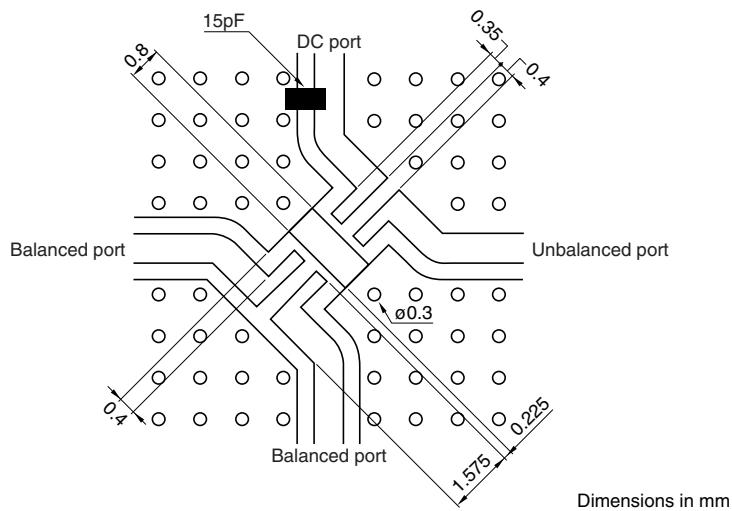
For Bluetooth & 2.4GHz W-LAN

DEA Series DEA212450BT-7043C1

SHAPES AND DIMENSIONS



EVALUATION BOARD



- **Conformity to RoHS Directive:** This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

- All specifications are subject to change without notice.

ELECTRICAL CHARACTERISTICS

Item		Typical value	
Frequency range (pass band)		2400 to 2500MHz	—
Insertion loss	[+25°C]	3.6dB max.	3dB
	[−30 to +85°C]	3.9dB max.	—
Single ended port characteristic impedance		50Ω (Nominal)	—
Balanced port differential characteristics impedance		55+j50Ω	—
Single ended return loss		[2400 to 2500MHz]	10dB min.
Balanced return loss	[2400 to 2500MHz]	10dB min.	—
	[DC to 915MHz]	34dB min.	—
	[1570 to 1580MHz]	30dB min.	—
	[1710 to 1850MHz]	28dB min.	—
	[1850 to 1910MHz]	30dB min.	—
	[1920 to 1990MHz]	27dB min.	—
	[2110 to 2170MHz]	17dB min.	20dB
Attenuation	[4800 to 5000MHz]	15dB min.	—
	Phase difference at balanced port		180±10deg.
	Amplitude imbalance at balanced port		0±2.0dB
	Operating	−30 to +85°C	—
	Storage	−30 to +85°C	—