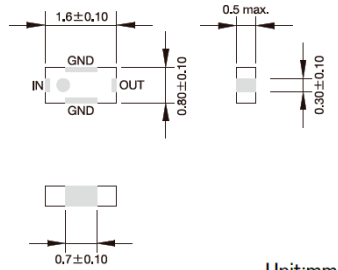


Multilayer Ceramic Devices (Band Pass Type)

FI168B250065-T



Unit:mm

■ Features

- Item Summary
Band Pass Type, 1.6x0.8x0.5mm
for WiMAX
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Papered 4000

■ Products characteristics table

System	WiMAX
Passband Frequency1 (f1)	2300 to 2700 MHz
Insertion Loss2 (max)(in f1)	2.6 dB at 2300 to 2500MHz (-30 to +85 °C)
Insertion Loss4 (max)(in f1)	2.5 dB at 2500 to 2700MHz (-30 to +85 °C)
Ripple1 (max)(in f1)	1.4 dB at 2300 to 2500MHz
Ripple2 (max)(in f1)	1.3 dB at 2500 to 2700MHz
VSWR1 (max)(in f1)	2.4 at 2300 to 2500MHz
VSWR2 (max)(in f1)	1.3 at 2500 to 2700MHz
Attenuation1 (min)(f1)	15 dB at 1500 to 2000MHz
Attenuation2 (min)(f1)	10 dB at 4600 to 8000MHz
Input Impedance	50 Ω
Output Impedance	50 Ω
Operating Temp. Range	-30 to +85 °C
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.6 ± 0.10 mm
Dimension W	0.8 ± 0.10 mm
Dimension T	Max 0.5 mm

2017.04.30

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.
 Before making final selection, please check product specification.