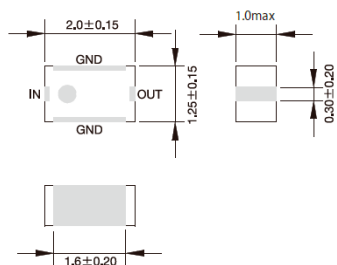


Multilayer Ceramic Devices (Band Pass Type)

FI212B245026-T



Unit:mm

■ Features

- Item Summary
Band Pass Type, 2.0x1.25x1.0mm
for Bluetooth/W-LAN/ZigBee
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000

■ Products characteristics table

System	Bluetooth/W-LAN/ZigBee
Passband Frequency1 (f1)	2400 to 2500 MHz
Insertion Loss2 (max)(in f1)	2.9 dB at 2400 to 2500MHz (-30 to +85 °C)
Ripple1 (max)(in f1)	1 dB at 2400 to 2500MHz
VSWR1 (max)(in f1)	2 at 2400 to 2500MHz
Attenuation1 (min)(f1)	40 dB at 800 to 960MHz
Attenuation2 (min)(f1)	30 dB at 1710 to 1990MHz
Attenuation3 (min)(f1)	25 dB at 2110 to 2170MHz
Attenuation4 (min)(f1)	30 dB at 4800 to 5000MHz
Attenuation5 (min)(f1)	30 dB at 7200 to 7500MHz
Input Impedance	50 Ω
Output Impedance	50 Ω
Operating Temp. Range	-30 to +85 °C
RoHS Compliance (10 subst.)	Yes
REACH Compliance (201 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	2.0 ± 0.15 mm
Dimension W	1.25 ± 0.15 mm
Dimension T	Max 1.0 mm

2019.10.24

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

Please read this notice before using the TAIYO YUDEN products.



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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment). When our products are used even for high safety and/or reliability-required devices or circuits of general electronic equipment, it is strongly recommended to perform a thorough safety evaluation prior to use of our products and to install a protection circuit as necessary.
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