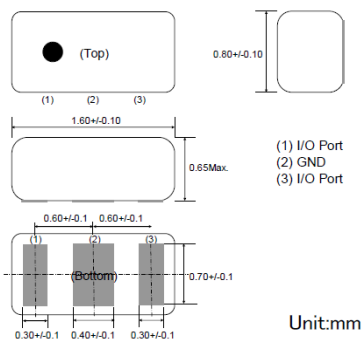


Multilayer Ceramic Devices

FI168B5538FW-T



Unit:mm

■ Features

- Item Summary
Band Pass Type, 1.6x0.8x0.65mm
for LTE(LAA)/W-LAN
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Paper 5000pcs

■ Products characteristics table

System	LTE(LAA)/W-LAN
Passband Frequency1 (f1)	5150 to 5925 MHz
Insertion Loss2 (max)(in f1)	1.2 dB at 5150 to 5925MHz (-40 to +85 °C)
VSWR1 (max)(in f1)	2 at 5150 to 5925MHz
Attenuation1 (min)(f1)	37 dB at 1 to 2700MHz
Attenuation2 (min)(f1)	20 dB at 2700 to 3600MHz
Attenuation3 (min)(f1)	20 dB at 9750 to 10300MHz
Attenuation4 (min)(f1)	22 dB at 10300 to 12750MHz
Input Impedance	50 Ω
Output Impedance	50 Ω
Operating Temp. Range	-40 to +85 °C
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 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 0.65 mm

2022.06.09

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.



REMINDERS

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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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