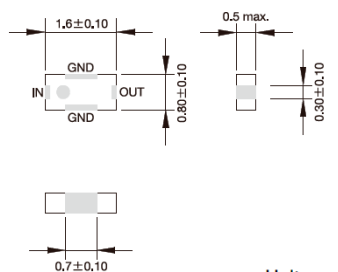


Multilayer Ceramic Devices (Low Pass Type)

FI168L062005-T



Unit:mm

■ Features

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

■ Products characteristics table

System	DTV
Passband Frequency1 (f1)	470 to 770 MHz
Insertion Loss2 (max)(in f1)	1.3 dB at 470 to 600MHz (-30 to +85 °C)
Insertion Loss4 (max)(in f1)	2.4 dB at 600 to 710MHz (-30 to +85 °C)
Insertion Loss6 (max)(in f1)	4.4 dB at 710 to 770MHz (-30 to +85 °C)
Ripple1 (max)(in f1)	1.4 dB at 470 to 710MHz
VSWR1 (max)(in f1)	2 at 470 to 710MHz
VSWR2 (max)(in f1)	2.5 at 710 to 770MHz
Attenuation1 (min)(f1)	25 dB at 888 to 925MHz (+25 °C)
Attenuation2 (min)(f1)	21 dB at 888 to 925MHz (-30 to +85 °C)
Attenuation3 (min)(f1)	25 dB at 940 to 960MHz
Attenuation4 (min)(f1)	27 dB at 1429 to 1453MHz
Attenuation5 (min)(f1)	26 dB at 1920 to 1980MHz
Attenuation6 (min)(f1)	26 dB at 2400 to 2500MHz
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.