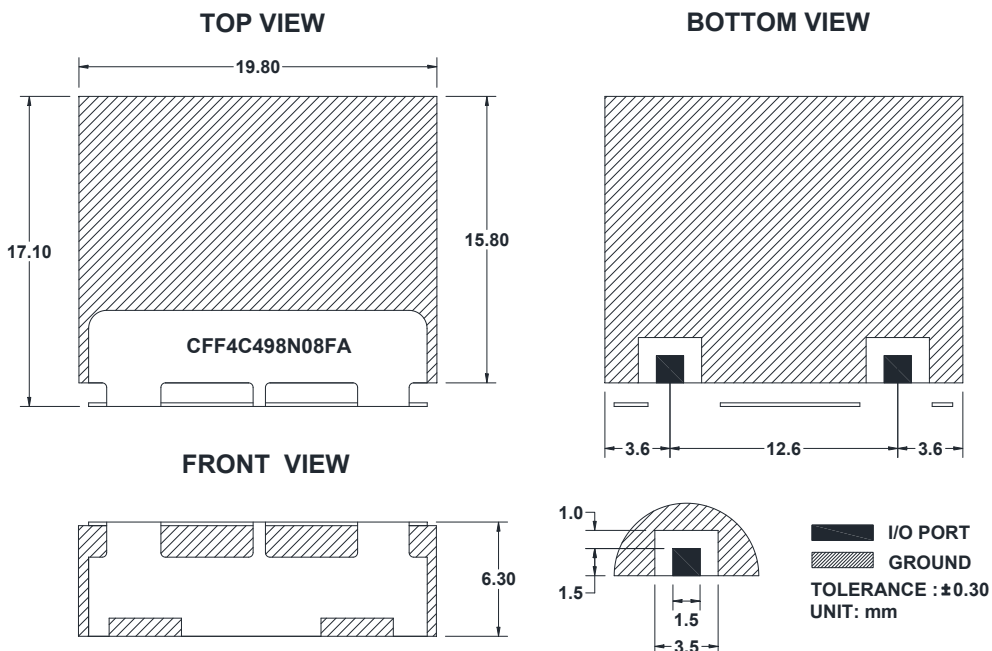


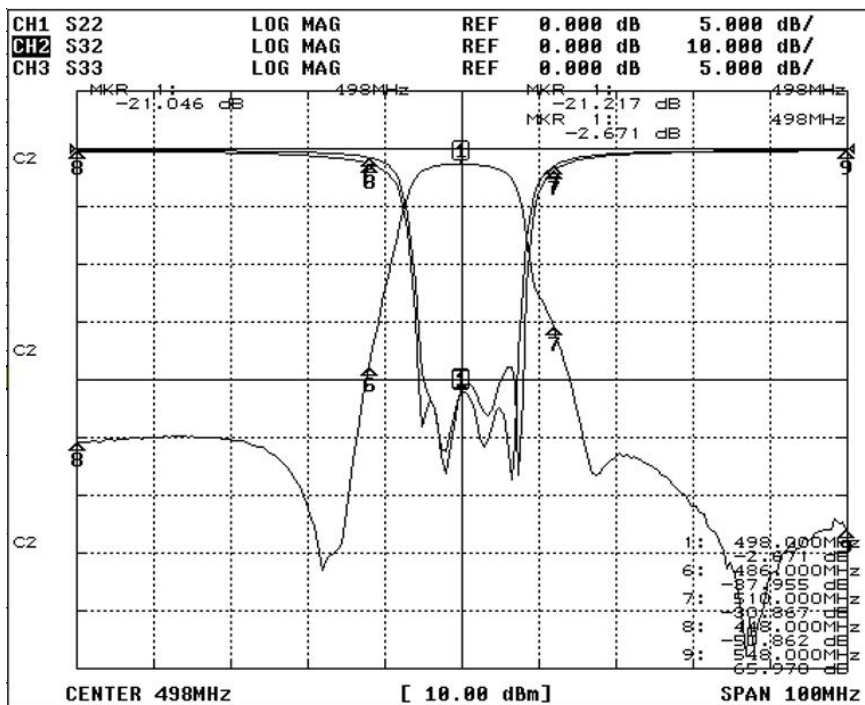
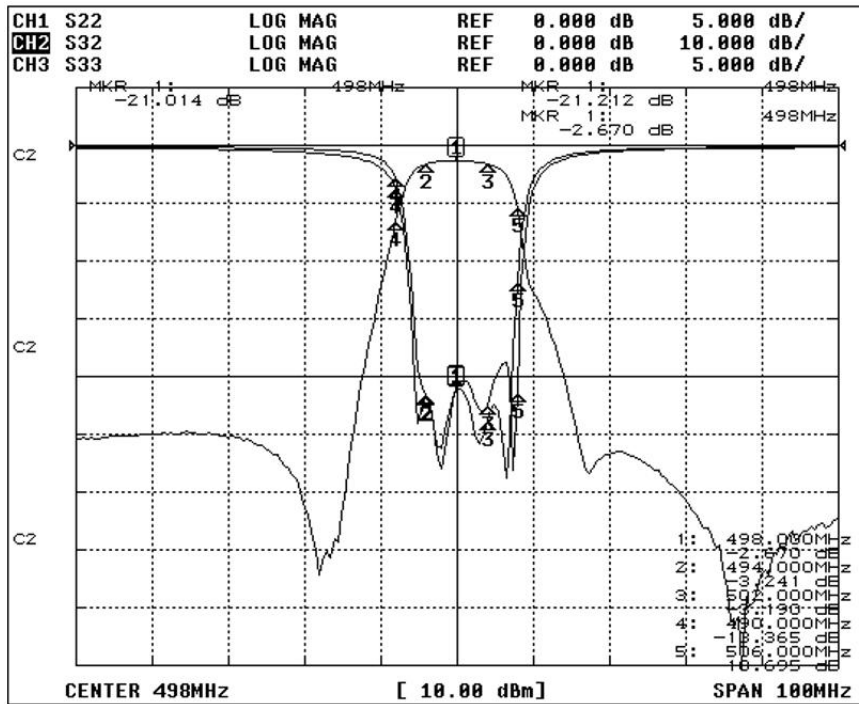
Electrical Specification

ITEMS	SPEC	UNIT
Center Frequency [fo]	498.0	MHz
Bandwidth [BW]	fo ±4.0 [494.0~502.0]	MHz
Insertion Loss in BW	3.0	dB max
Ripple in BW	0.8	dB max
Return Loss in BW	15.0	dB min
Attenuation <input checked="" type="checkbox"/> Absolute Value <input type="checkbox"/> Relative Value	10.0 dB min @ fo ± 8.0 [490.0 & 506.0]	MHz
	20.0 dB min @ fo ± 12.0 [486.0 & 510.0]	MHz
	40.0 dB min @ fo ± 50.0 [448.0 & 548.0]	MHz
	dB min @ fo ± [~]	MHz
Group Delay Variation		ns max
Input Power	2	W max.
In/Out Impedance	50 Ω	
Operation Temperature Range	-40°C to +85°C	

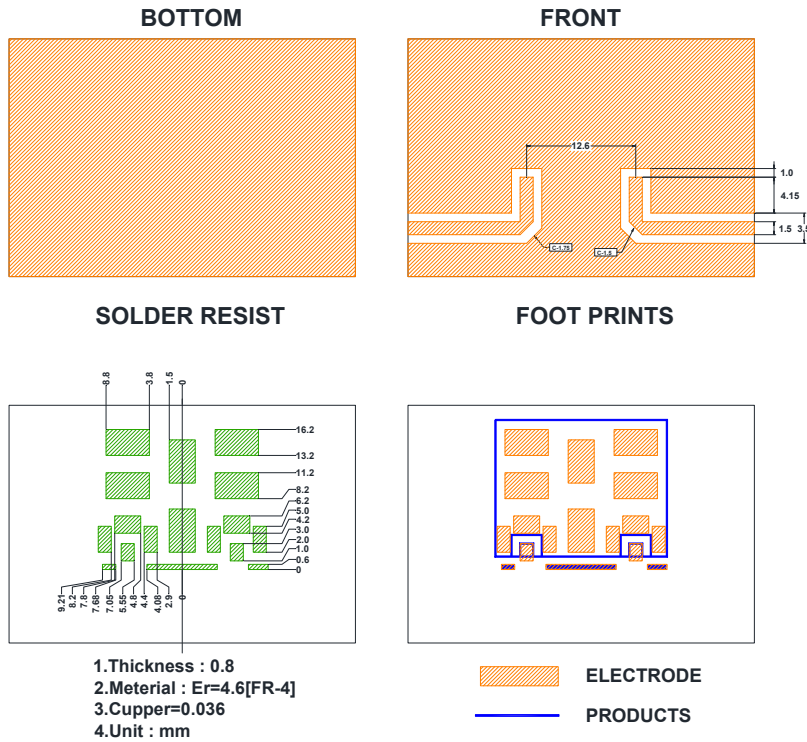
Mechanical Specification



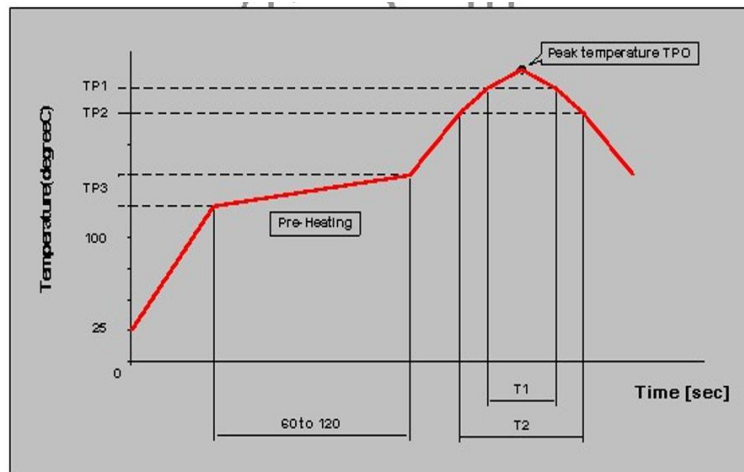
Plot Data



Recommneded PC Board Pattern



Soldering Condition



Measuring point of temperature : IN-OUT Terminals of The Device

Reflow Soldering : Both Convection and Infrared Rays, Hot Air and Hot Plate

Reflow standard condition	TPO (°C)	TP1 (°C)	T1 (s)	TP2 (°C)	T2 (s)	TP3 (°C)
Sn-3Ag-0.5 solder	245±5	220	30 to 60	—	—	150 to 180
Test condition of reflow heat resistance	260±5/0	240	20	220	70	150 to 180