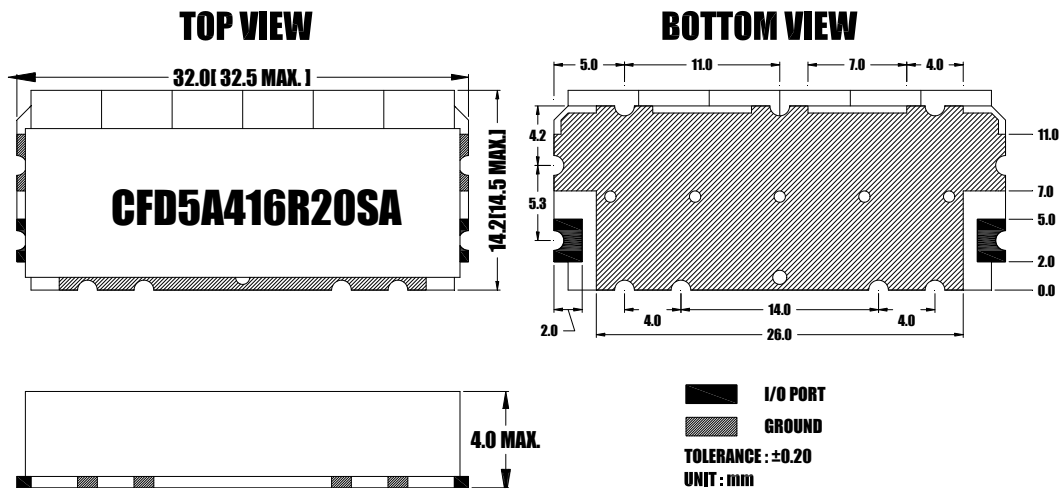


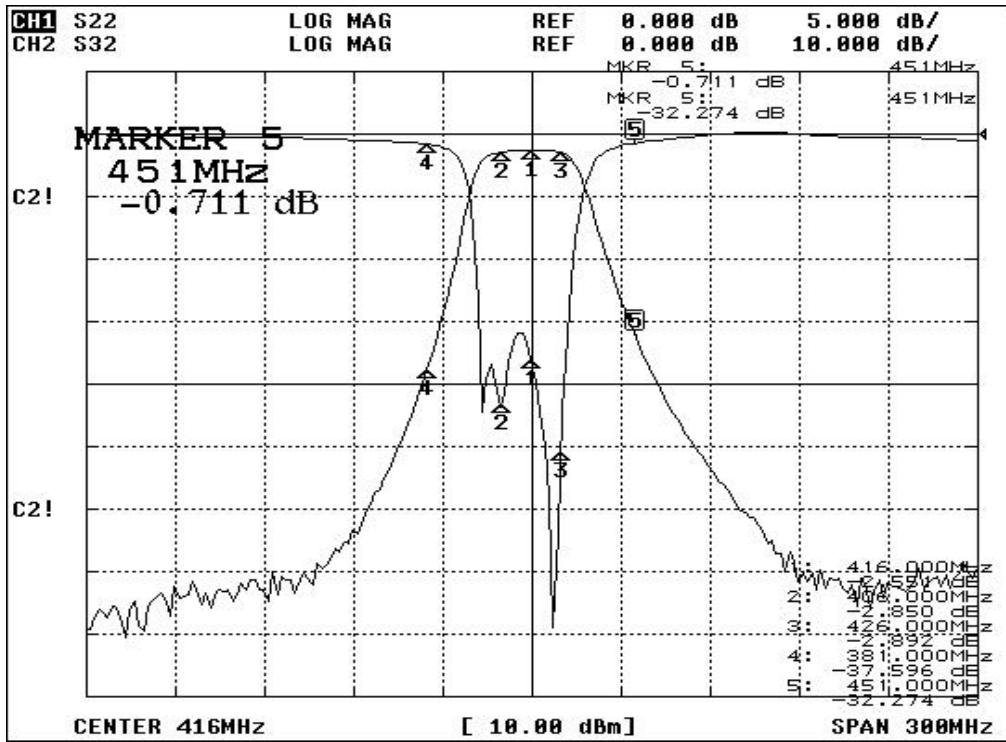
Electrical Specification

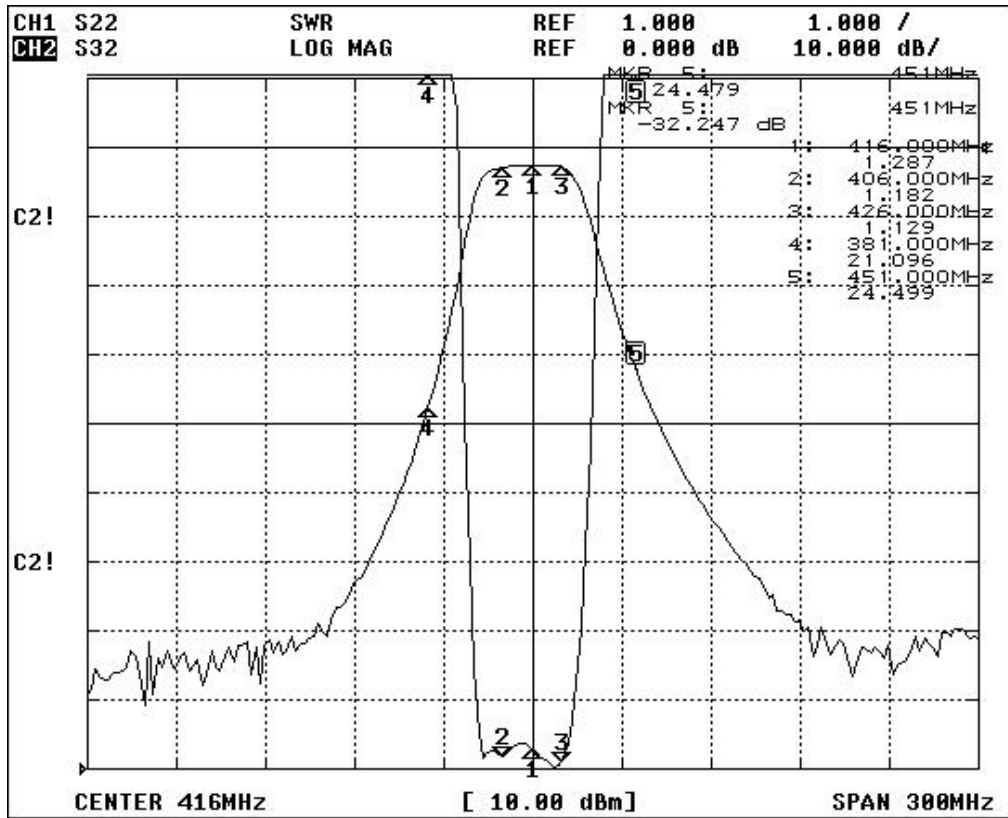
ITEMS	SPEC	UNIT
Center Frequency [fo]	416.0	MHz
Bandwidth [BW]	fo ±10.0 [406.0 ~ 426.0]	MHz
Insertion Loss in BW	3.2	dB max
Ripple in BW	1.0	dB max
Return Loss in BW	15.0	dB min
Attenuation <input checked="" type="checkbox"/> Absolute Value <input type="checkbox"/> Relative Value	30.0 dB min @ fo -35 [381 .0]	MHz
	30.0 dB min @ fo +35 [451.0]	MHz
	dB min @ fo ± [~]	MHz
	dB min @ fo ± [~]	MHz
Group Delay Variation		ns max
Input Power		W max.
In/Out Impedance	50 Ω	
Operation Temperature Range	-30°C to +85°C	

Mechanical Specification

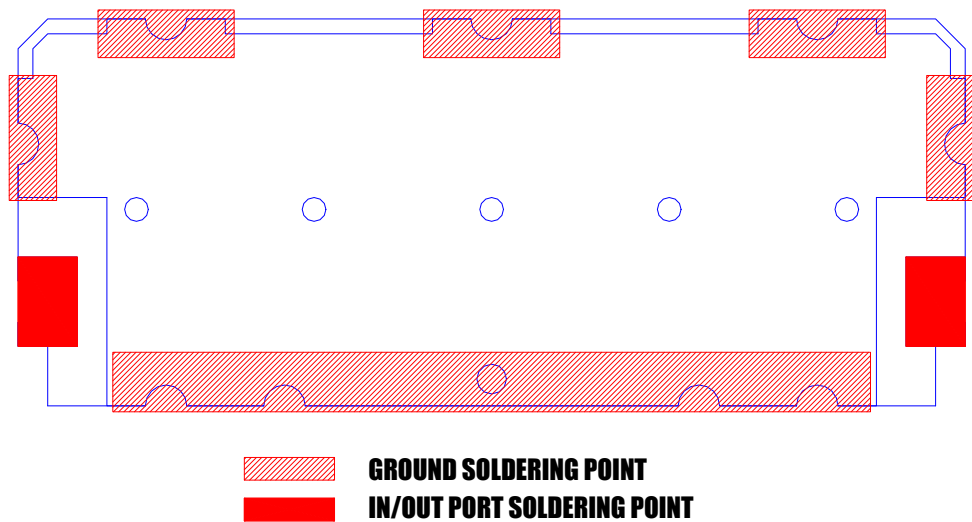


Plot Data

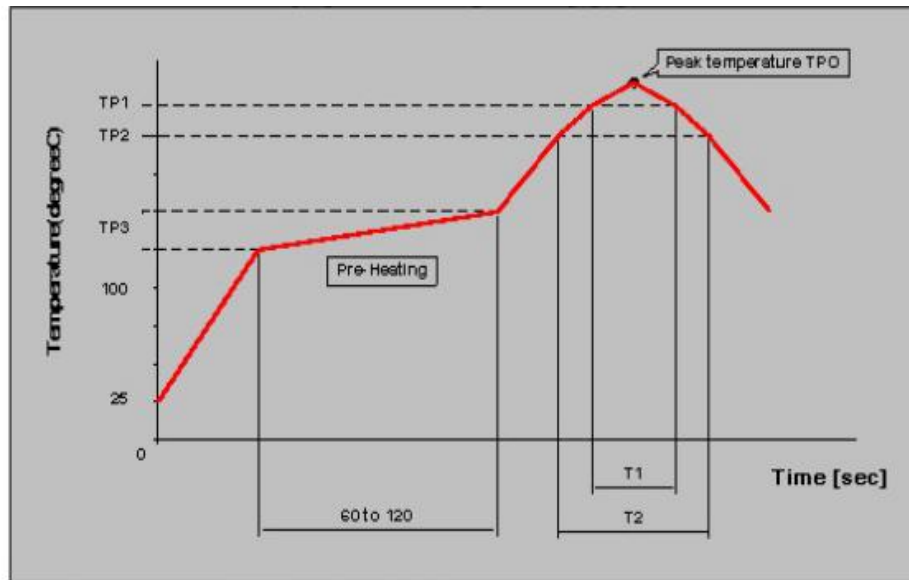




Recommended PC Board Pattern



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