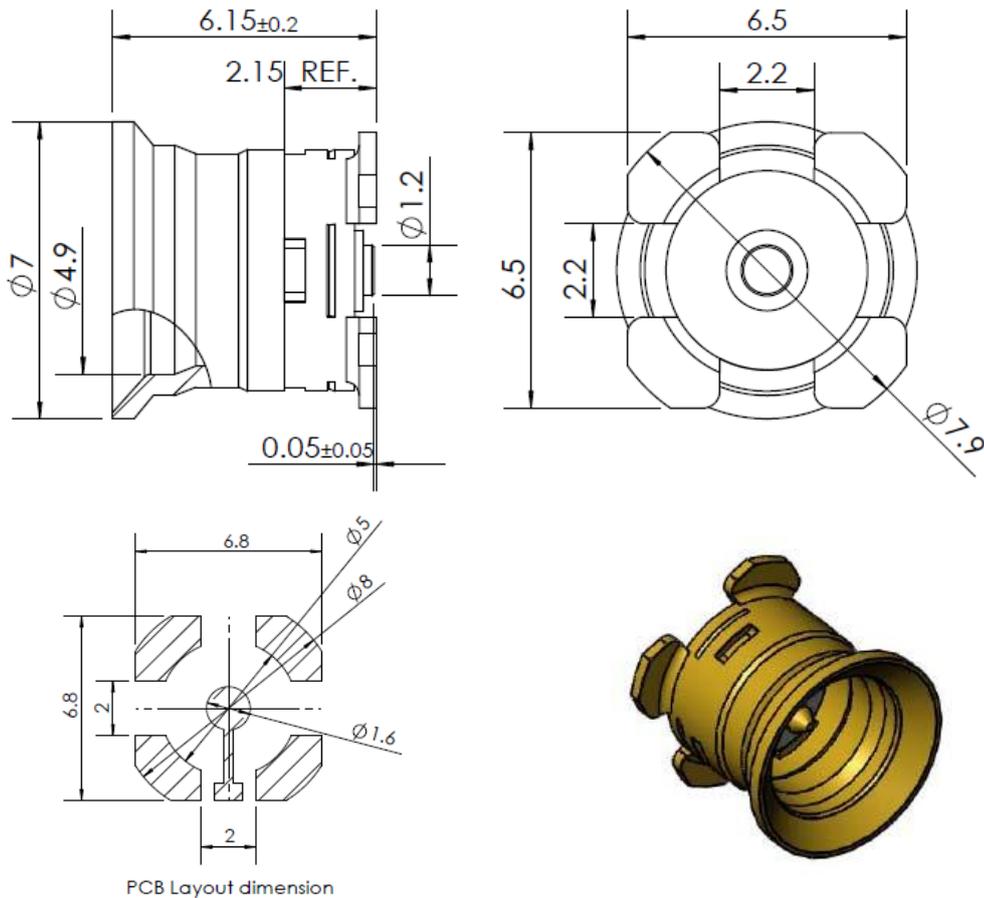
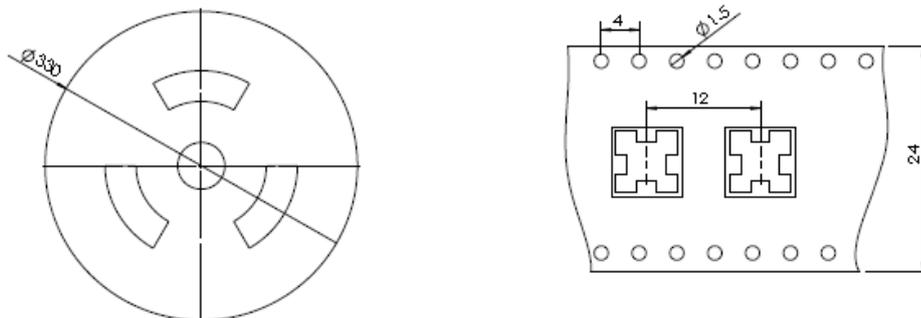


Product description.	RSMP straight male snap solder for PCB (stamping version)	Ver. 1	Rev. 5
Part NO.	DQ16-2	Date: 2021.09.14	
Draft: AFY/E	Checked: AFY/Q	Approved: AFY/MR	WuRenJie 2021.09.14 16:22:35 +08'00'

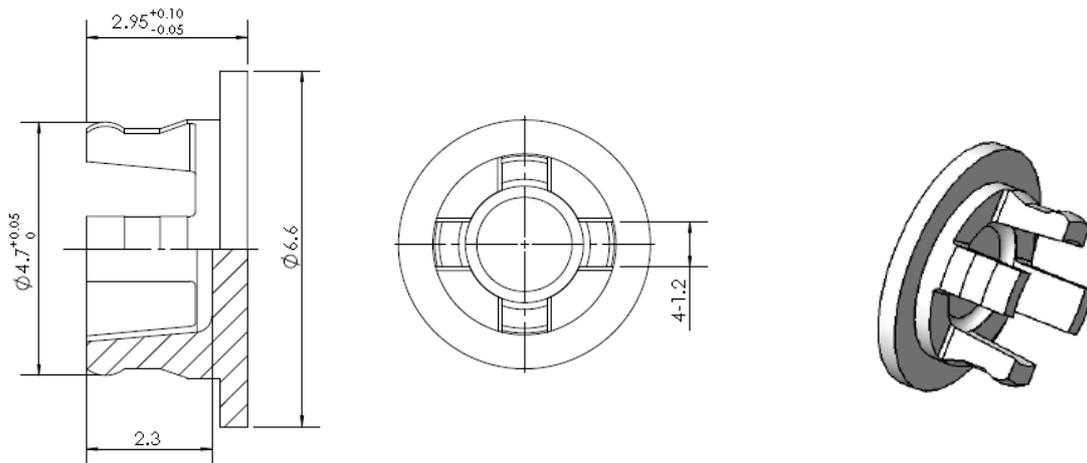
DQ16-2



Package



CAP



Reference Standard

Electrical Performance

Nominal Impedance (Ω)	50
Frequency Range	DC~6GHZ
VSWR	≤1.07(DC-4GHZ) ≤1.12 (4-6GHZ)
Insertion Loss(dB)	≤-0.05* √ F(GHZ)
PIM(dBc)	≤130(2*43dBm,1800MHz)
Rated voltage(V)	335V
Withstanding voltage(V)	1000
Insulation Resistance	5000MΩ
Power(W)	140 @ 5GHz 180 @ 3GHz
Leakage(dB)	-60 (DC-4GHz)
Contact resistance(mΩ)	<3(outer conductor) <6(inner conductor)

Mechanical Performance

Mechanical cycle	100
Misalignment tolerance	Axial : ±0.8mm Radial : ±0.7mm
Force to engage	<30N
Force to disengage	7N<F<30N
Center contact captivation	>7N
Weight	0.62g
Mating height	17mm

Material and Finish

Part	Material	Finish
Body	Brass	Au0.02um
Inner conductor	Brass	Au0.1um
Insulator	LCP	
CAP	LCP	

Environmental Characteristics

Characteristics	Data	Standard
Operating Temperature	-55°C to +165°C	N/A
Moisture-proof	Withstanding Voltage \geq 1000Vrms Insulation Resistance \geq 1000M Ω	MIL PRF 39012E § 4.6.18 MIL STD 202 Method 106
Salt Spray	48h	MIL STD 202 Method 101 Condition B
Vibration	No electrical interruption $>$ 1us	MIL PRF 39012E § 4.6.15 MIL STD 202 Method 204 Condition B
Shock	No electrical interruption $>$ 1us	MIL PRF 39012E § 4.6.12 MIL STD 202 Method 213 Condition A