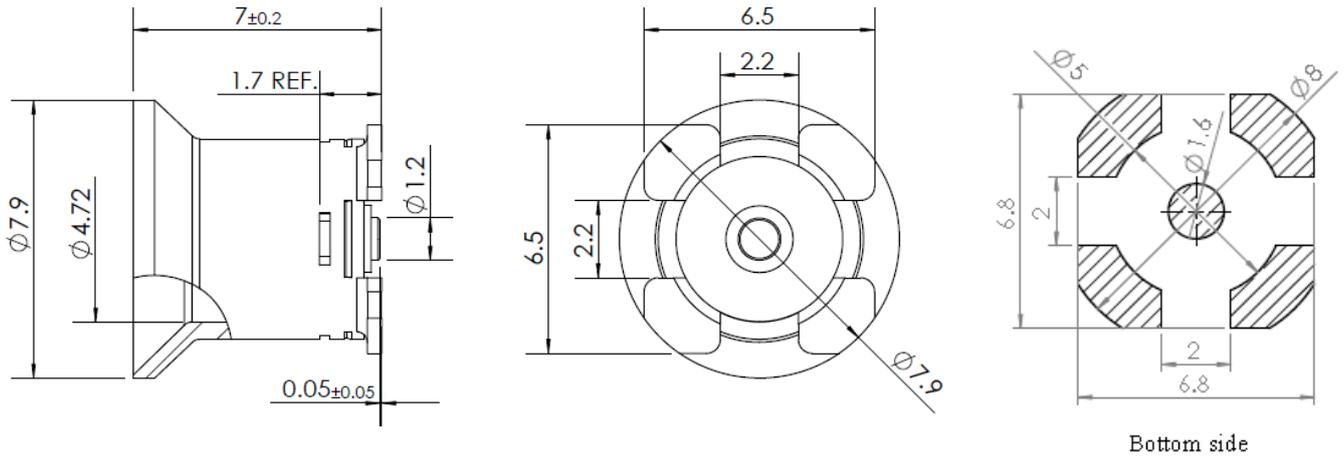
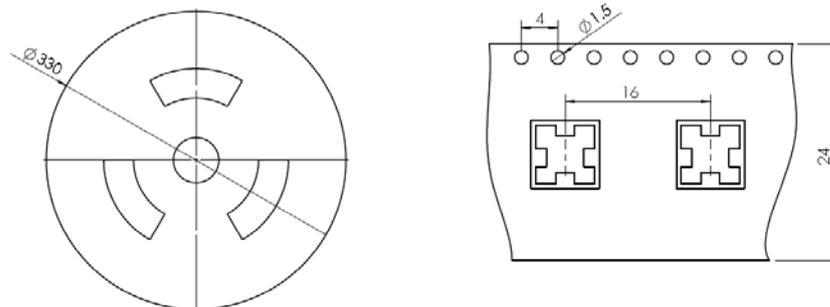


Product description.	RSMP straight male slide solder for PCB (stamping version)	Ver. 1	Rev. 5
Part NO.	DQ17-2	Date: 2021.9.14	
Draft: AFY/E	Checked: AFY/Q	Approved: AFY/MR	WuRenJie 2021.09.14 16:22:10 +08'00'

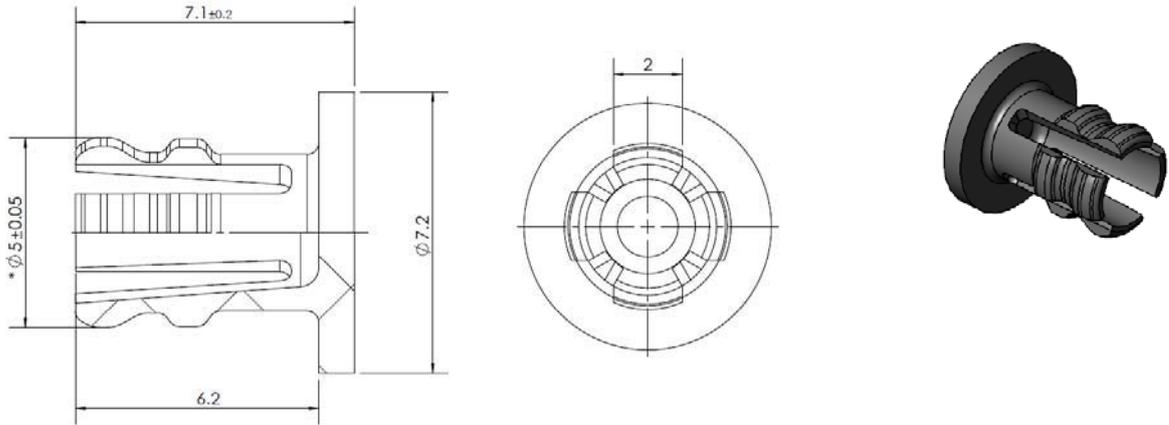
DQ17-2



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	<14N
Force to disengage	1.7N<F<5N
Center contact captivation	>7N
Weight	0.74g
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 $\geq 1000V_{rms}$ Insulation Resistance $\geq 1000M\Omega$	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