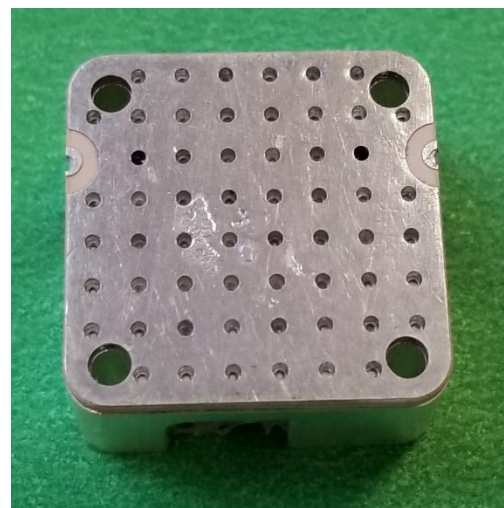


2.8 – 3.6 GHz Surface Mount Isolator, S-Band, 2SMH5BA

Renaissance has released a wide band, medium power, true Surface Mount Isolator that has very low insertion loss and is ideal for S-band Radar Applications. The isolator is 0.75" square and has a height of less than 0.35". With such low profile, and a true coplanar surface mountable bottom surface, this isolator is ideal for high volume, pick and place applications. The isolator covers a bandwidth of 2.8 to 3.6 GHz and can handle 25 W average in the forward direction.



Specifications

Frequency Range	3.0 – 3.55 GHz	2.8 – 3.6 GHz
Isolation	20 dB	15 dB
Insertion Loss	0.4 dB	0.6 dB
VSWR	1.20: 1 (-21 dB)	1.43: 1 (-15 dB)
Flatness Across 50 MHz Band	0.15 dB MAX	
Power	25 W CW Fwd ; 2 W CW Rev	
Temperature Range	-5° C to +60°C	