

Features

- Low insertion loss
- Small footprint
- Surface mount

Descriptions

Surface mount ceramic duplexer developed for S-Band applications.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	2338	2432
Band Width	MHz	20 (2328~2348)	20 (2422~2442)
Insertion Loss in BW	dB	3.0 max	3.0 max
Ripple in BW	dB	1.0 max	1.0 max
Return Loss	dB	14	14
Attenuation	dB	50 min @ 2422 ~ 2442 MHz	50 min @ 2328 ~ 2348 MHz
		35 min @ 2500 ~ 3500 MHz	30 min @ 2500 ~ 3500 MHz
Input Power	Watt	2 max (CW)	
IN/OUT Impedance	Ω	50	
Operating Temp. Range	$^{\circ}\text{C}$	-40 to +85	
RoHS	-	Yes	
Dimensions (max)	mm	40.4 L x 8.0 W x 6.1 H	

Mechanical Drawing

