

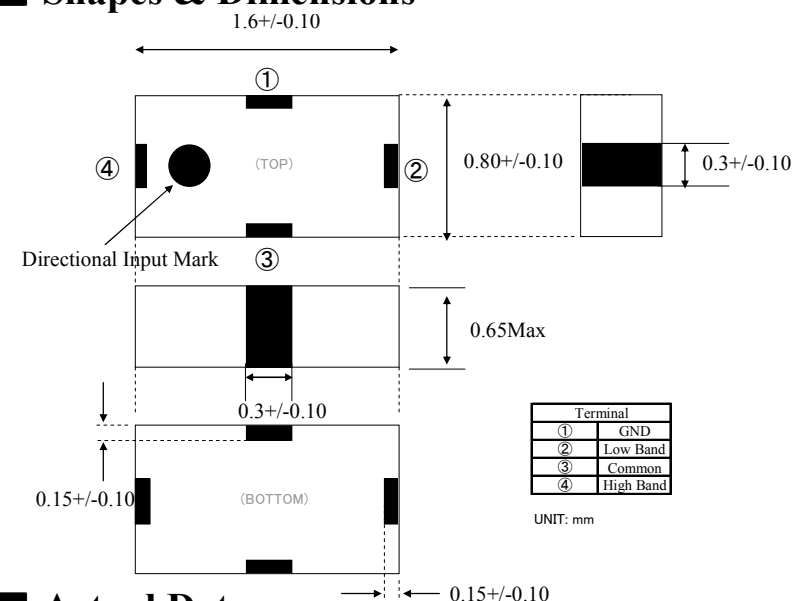
Diplexer (for GPS/2.4GHz)

FI 168P157525

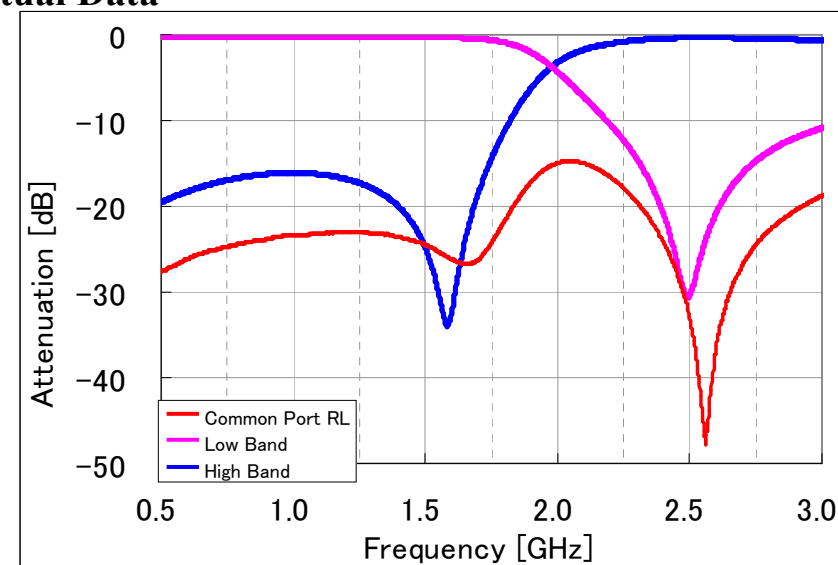
Electrical Characteristics

		Specification	Typical Data	
Low Band	Pass band frequency	Pass band 0	824 -960 MHz	
		Pass band 1	1558 - 1585 MHz	
		Pass band 2	1585 - 1610 MHz	
	Insertion Loss at Pass band	Pass band 0	0.50dB Max. (25deg-C)	0.30dB
		Pass band 1	0.40dB Max. (25deg-C)	0.30dB
		Pass band 2	0.45dB Max. (25deg-C)	0.33dB
	V.S.W.R at Pass band 0	Common Port	2.0 Max.	1.25
		Low Band Port	2.0 Max.	1.25
	V.S.W.R at Pass band 1	Common Port	2.0 Max.	1.19
		Low Band Port	2.0 Max.	1.18
V.S.W.R at Pass band 2	Common Port	2.0 Max.	1.18	
	Low Band Port	2.0 Max.	1.17	
Attenuation	2400-2500MHz	13.0dB Min.	23.3dB	
Impedance	Common Port	50 ohm	-	
	Low Band Port	50 ohm	-	
High Band	Pass Band frequency	2400 - 2500 MHz	←	
	Insertion Loss at Pass band	0.6dB Max. (25deg-C)	0.45dB	
	V.S.W.R at Pass band	Common Port	2.0 Max.	1.25
		High Band Port	2.0 Max.	1.25
	Attenuation	824 -960MHz	12.0dB Min.	15.0dB
1558-1585MHz		23.0dB Min.	33.3dB	
1585-1610MHz		20.0dB Min.	31.2dB	
Impedance	Common Port	50 ohm	-	
	High Band Port	50 ohm	-	
Isolation	824 -960MHz	12.0dB Min.	15.0dB	
	1558-1585MHz	23.0dB Min.	32.5dB	
	1585-1610MHz	20.0dB Min.	28.0dB	
	2400-2500MHz	13.0dB Min.	22.9dB	

Shapes & Dimensions



Actual Data



The data is reference only. Electrical characteristics vary depending on environment or measurement condition.

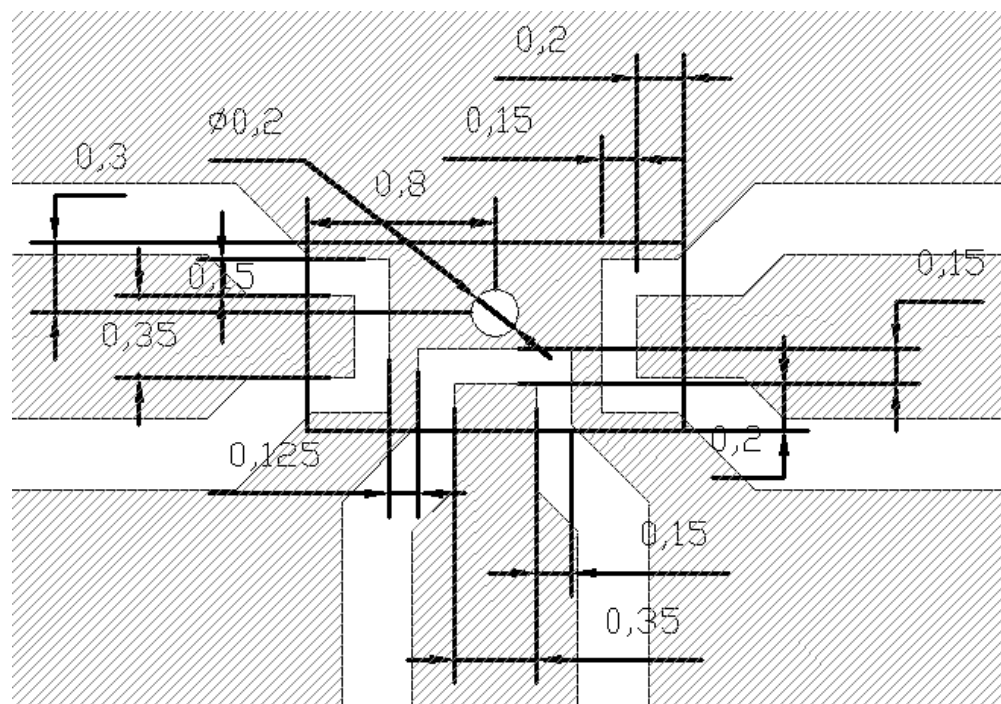
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Before making final selection, please check product specification

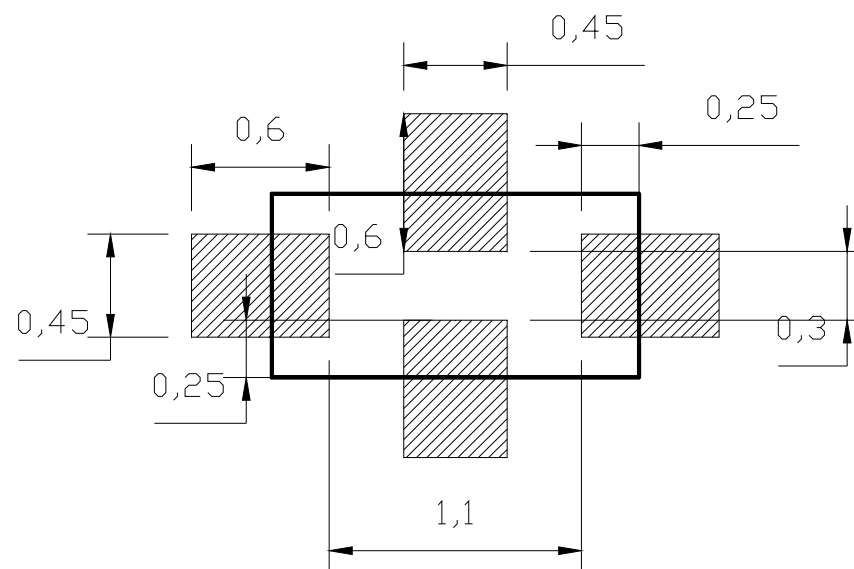
The Example of a Land Pattern

■ Diplexer (FI 168P Series)

Electrodes pattern



Resist pattern (aperture size)



Unit : mm

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