



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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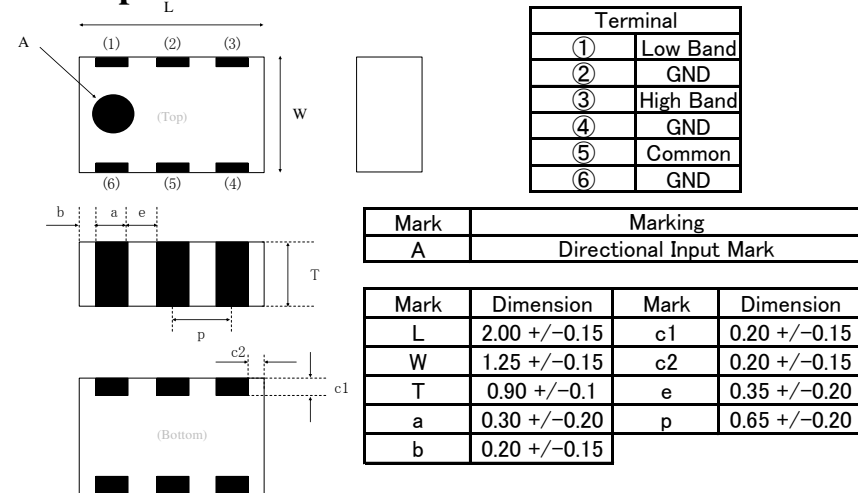
Diplexer for LTE (High Attenuation type)

FI 212P082934-T

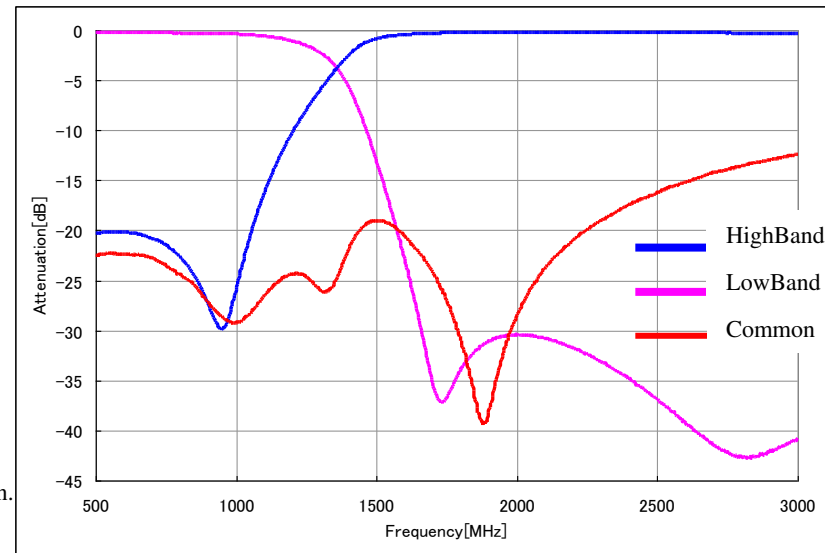
Electrical Characteristics

Condition		Specification	Measured Data Ta=+25degC	Note		
Low Band	Pass band frequency	698 - 960 MHz	←			
	Insertion Loss at Pass band	Pass band	-	0.35dB	NTC	
			0.50dB Max. (-40~+85deg-C)	-	ETC	
	V.S.W.R	Pass band	1.4 Max	1.2		
	Attenuation	1554-1580MHz	15.0dB Min.	17dB	NTC	
			10.0dB Min.	-	ETC	
			1710-2110MHz	25.0dB Min.	29dB	
			2110-2155MHz	25.0dB Min.	30dB	
2155-2690MHz			25.0dB Min.	30dB		
Impedance	Common Port	50 ohm	-			
	Low Band Port	50 ohm	-			
High Band	Pass band frequency 1	1710 - 2170 MHz	←			
	Pass band frequency 2	2500 - 2690 MHz	←			
	Insertion Loss at Pass band	Pass band 1	-	0.32dB	NTC	
			0.50dB Max. (-40~+85deg-C)	-	ETC	
	Pass band 2		-	0.29dB	NTC	
			0.55dB Max. (-40~+85deg-C)	-	ETC	
	V.S.W.R	Pass band 1	1.4 Max	1.2		
		Pass band 2	1.8 Max	1.5		
Attenuation	0.3-960MHz	17.0dB Min.	20dB			
Impedance	Common Port	50 ohm	-			
	High Band Port	50 ohm	-			
Isolation	698-960MHz	17.0dB Min.	20dB			
	1710-2690MHz	25.0dB Min.	29dB			

Shapes & Dimensions

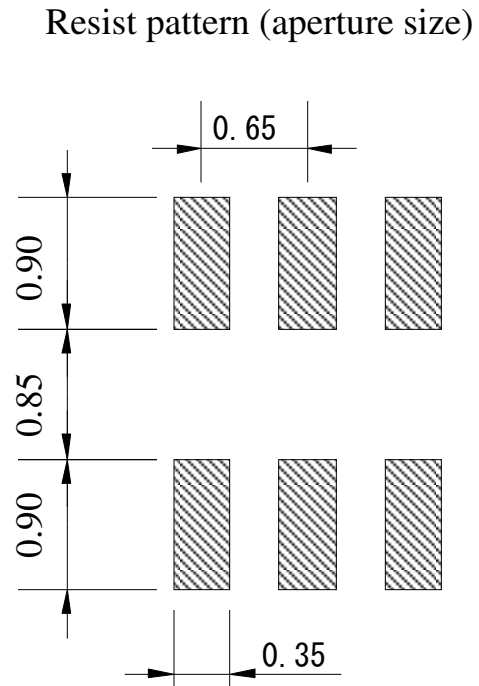
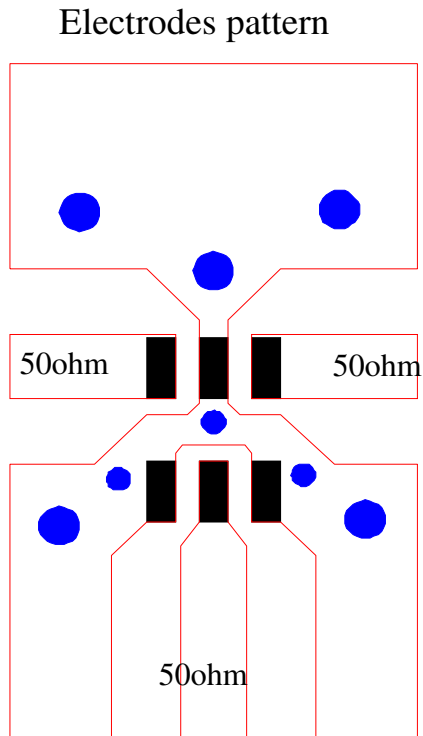


Actual Data



The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification

The Example of a Land Pattern



Line width be designed to match 50ohm characteristic impedance.

Unit : mm

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