

Preliminary Product Information

LTCC Multi Layer Ceramic Diplexer-1008 (2520) size

- **RFDIP2520100G08Q1C**
- **698~960MHz / 1710~2690MHz Band Application**

FEATURES

- Miniature footprint: 2.5 X 2.0X 1.0 mm³
- Low Insertion Loss
- LTCC process

APPLICATIONS

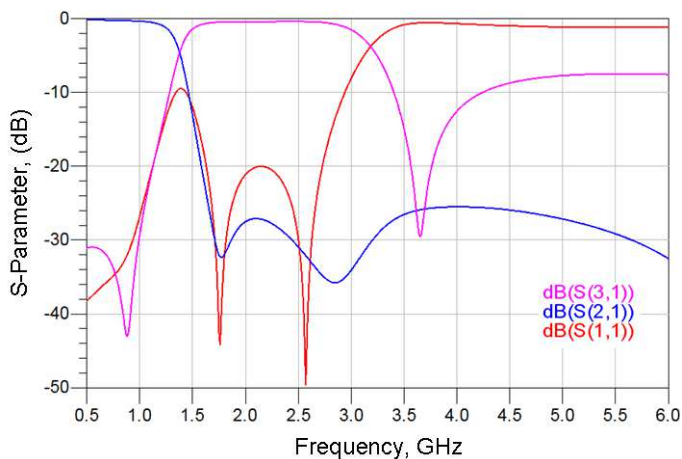
- 698~960MHz / 1710~2690MHz Band Application

ELECTRICAL CHARACTERISTICS

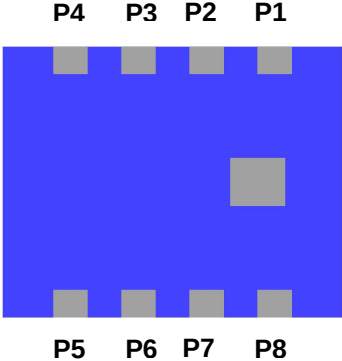
Item	Specification	
Frequency range	698~960 MHz	1710~2690 MHz
VSWR	2.0 max	2.0 max
Insertion Loss	0.35 dB max +25°C 0.40 dB max at -40°C ~ +85°C	0.55 dB max +25°C 0.65 dB max at -40°C ~ +85°C
Attenuation (min.)	25dB @1710~2690MHz	30dB @698~915MHz 30dB @915~960MHz 5dB @3420~3820MHz 3dB @5100~5950MHz
Isolation (min)	30dB @698~915MHz 30dB @915~960MHz 25dB @1710~2690MHz	30dB @698~915MHz 30dB @915~960MHz 25dB @1710~2690MHz
Taping Quantity : 2000pcs per 7" reel		
Operating Temperature Range : -40~ +85°C		
Storage Temperature Range : -10~ +40°C		
Humidity : 30 to 70% relative humidity		

TYPICAL ELECTRICAL PERFORMANCE

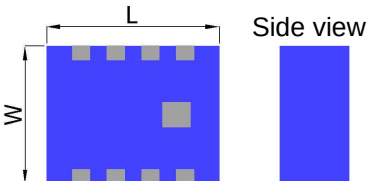
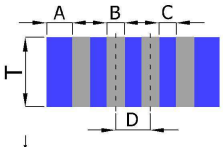
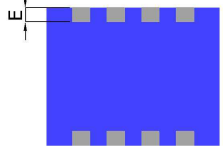
S-Parameter :

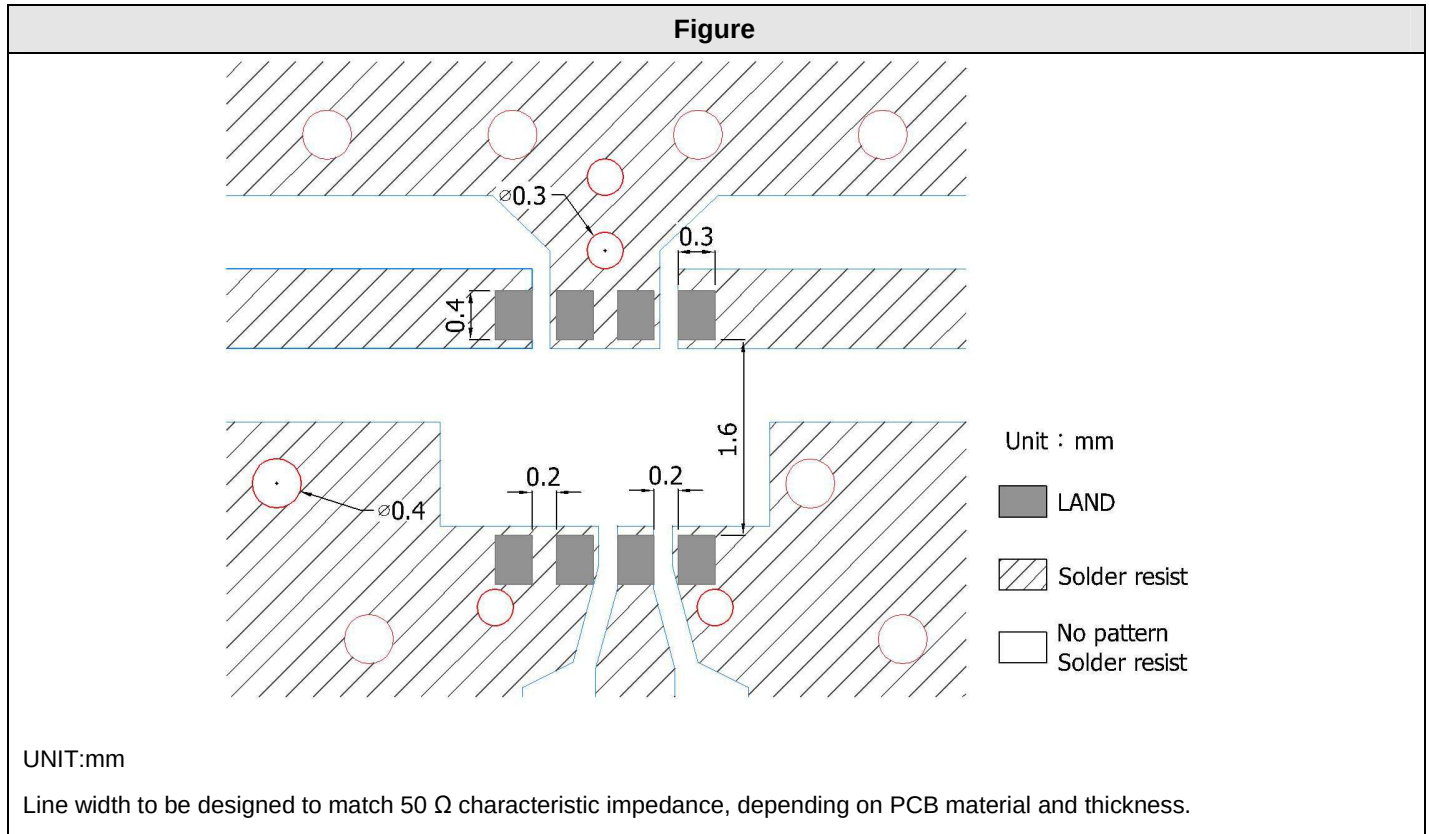


CONSTRUCTION

Figure	PIN	Connection
Top view 	1	GND
	2	GND
	3	ANT Port
	4	GND
	5	High Band Port
	6	GND
	7	GND
	8	Low Band Port

DIMENSIONS

Figure	Symbol	Dimension (mm)
Top view  Side view  Bottom view 	L	2.50 ± 0.15
	W	2.00 ± 0.15
	T	1.00 max.
	A	0.375 ± 0.15
	B	0.25 ± 0.15
	C	0.25 ± 0.15
	D	0.50 ± 0.15
	E	0.20 ± 0.15

SOLDER LAND PATTERN**CONTACT INFORMATION**

For more information, please contact with

Walsin Technology Corporation.

Tel : 886-3-475-8711

Fax : 886-3-475-5197

E mail : info@passivecomponent.com

Web Site : <http://www.passivecomponent.com>

Specification subject to change without prior notice.