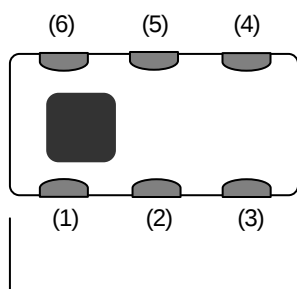


1608 TYPE MULTILAYER DIPLEXER

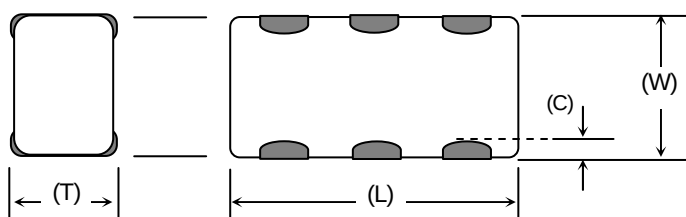
P/N: **DPX162170DT-8122B1**

MECHANICAL DIMENSIONS

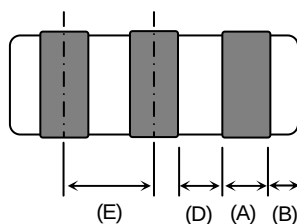
[Top View]



[Bottom View]



[Side View]



Dimension (mm)

(L)	(W)	(T)	(A)	(B)	(C)	(D)	(E)
1.60 +/-0.15	0.80 +/-0.15	0.60 +/-0.10	0.30 +/-0.10	0.10 +/-0.10	0.15 +/-0.10	0.25 +/-0.10	0.55 +/-0.10

Pin Configuration

(1)	(2)	(3)	(4)	(5)	(6)
GND	Common	GND	Low-Band	GND	High-Band

TEMPERATURE RANGE

Storage Temperature	-40 ~ +85 °C
Operating Temperature	-40 ~ +85 °C

ELECTRICAL CHARACTERISTICS (Ta= +25 ± 5 °C)

Low-Band

Parameter	Freq. (MHz)	Specification	Typ.	Unit
Insertion Loss (Ta=+25 °C)	824 - 960	0.5 max.	0.31	dB
Insertion Loss (Ta=-40~+85°C)	824 - 960	0.65 max.	-	dB
Attenuation	1710 - 2170	15 min.	19.4	dB
VSWR	824 - 960	1.5 max.	1.19	-

High-Band

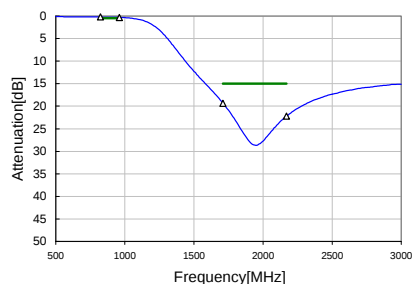
Parameter	Freq. (MHz)	Specification	Typ.	Unit
Insertion Loss (Ta=+25 °C)	1710-1990	0.70 max.	0.55	dB
	2110-2170	0.60 max.	0.33	dB
Insertion Loss (Ta=-40~+85°C)	1710-1990	0.90 max.	-	dB
	2110-2170	0.80 max.	-	dB
Attenuation	704 - 960	20 min.	24.2	dB
VSWR	1710 - 1990	1.7 max.	1.37	-
	2110 - 2170	1.7 max.	1.23	-

We recommend to terminate for all port with 50ohm at all times.

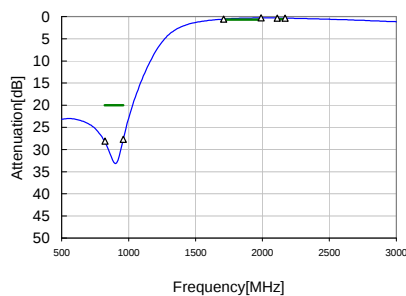
FREQUENCY CHARACTERISTICS

DPX162170DT-8122B1 Sample Data

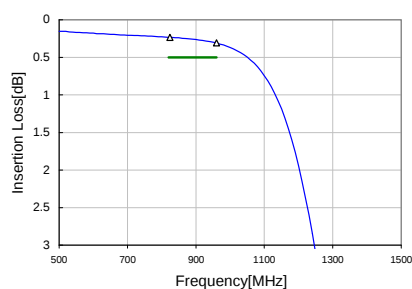
Low-Band Port



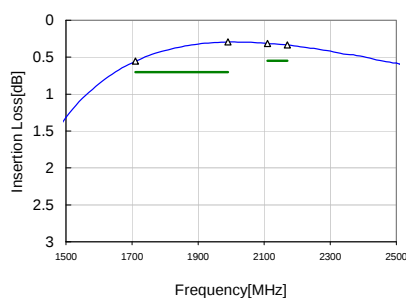
High-Band Port



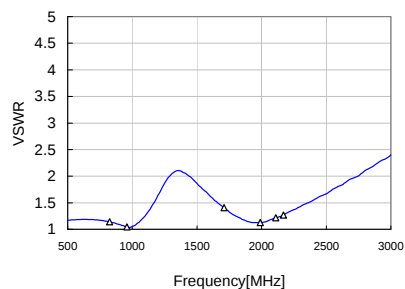
Low-Band Port



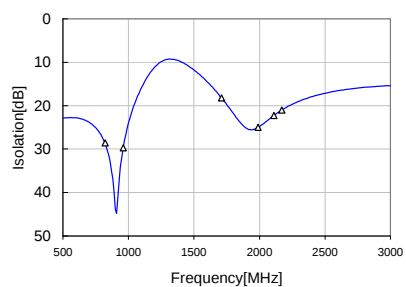
High-Band Port



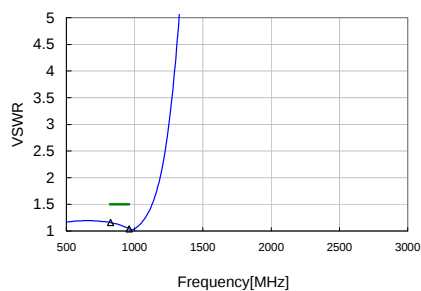
Common Port VSWR



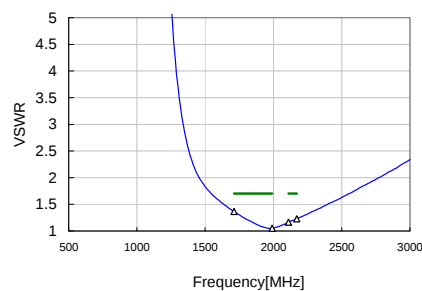
Isolation



Low-Band Port VSWR

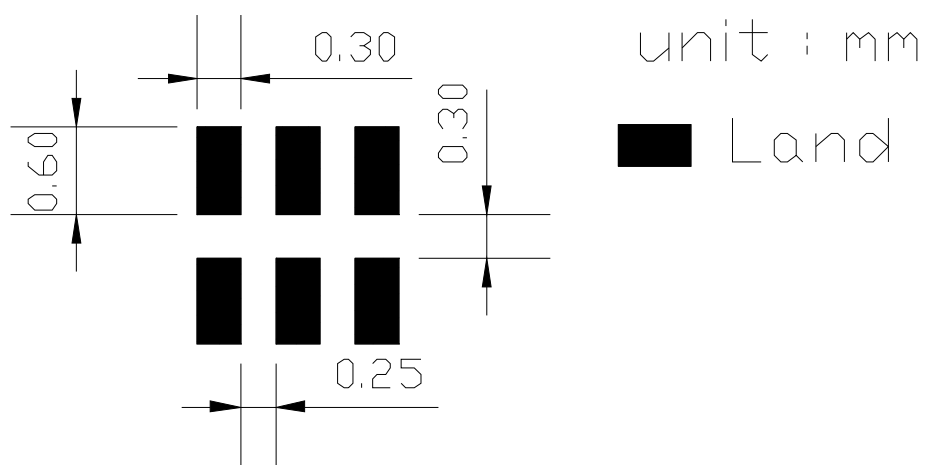


High-Port VSWR



Note: All specifications are subject to change and are not guaranteed.

RECOMMENDED LAND PATTERN



AMEYA360

Components Supply Platform

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Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com