

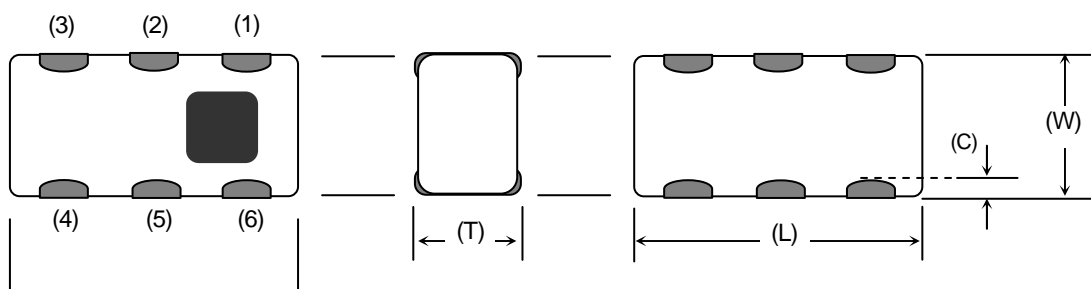
1608 TYPE MULTILAYER DIPLEXER

P/N: **DPX165900DT-8125A1**

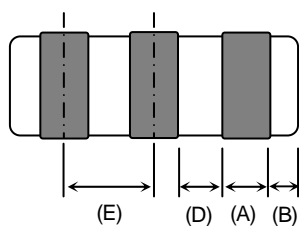
MECHANICAL DIMENSIONS

[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)
Low-Band	GND	High-Band	GND	Common	GND

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	2400-2500	0.6 max.	0.38	dB
Attenuation	4800-5000	18 min.	24.1	dB
	7200-7500	18 min.	24.4	dB

High-Band

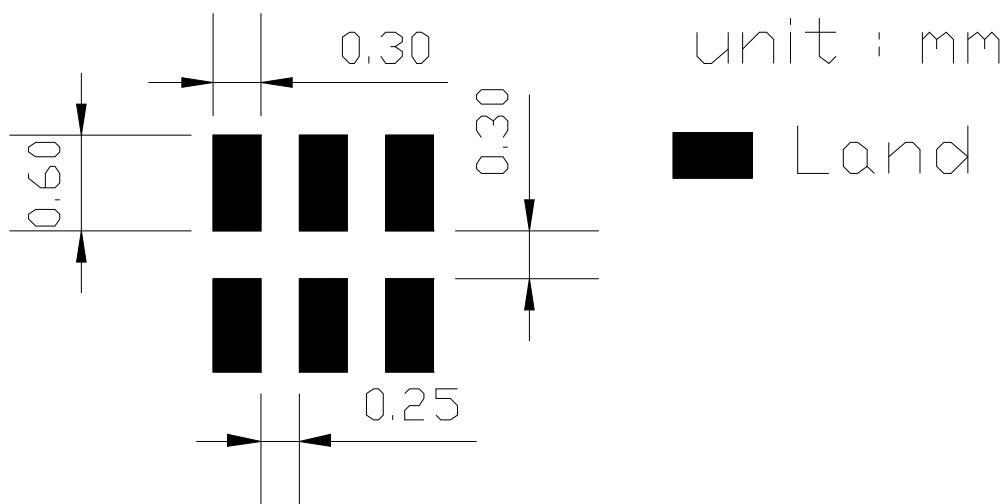
Parameter	Freq. (MHz)	Specification	Typ.	Unit
Insertion Loss	5100-5900	1.4 max	0.82	dB
Attenuation	1800-2500	20 min.	31.1	dB
	3700-3900	20 min.	32.5	dB
	9800-11900	10 min.	30.1	dB

Common

Parameter	Freq. (MHz)	Specification	Typ.	Unit
VSWR	2400-2500	2.0 max.	1.18	-
	5100-5900	2.3 max.	1.57	-

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

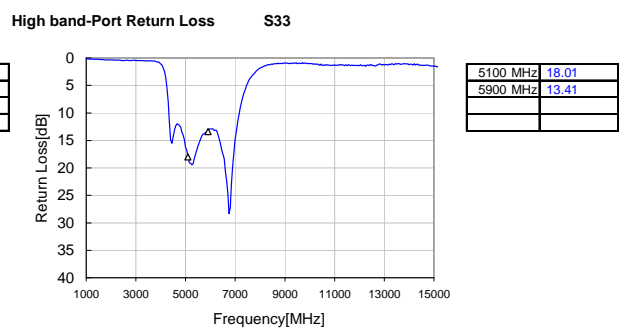
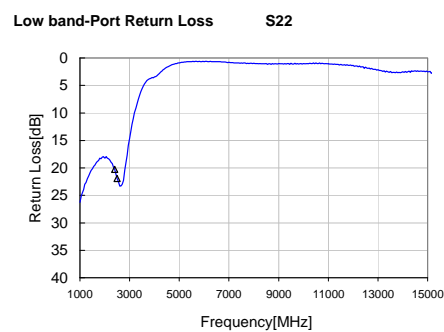
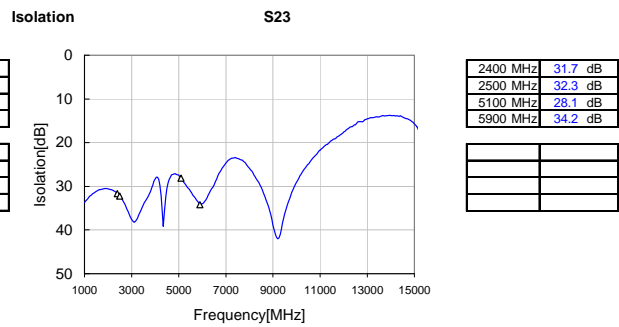
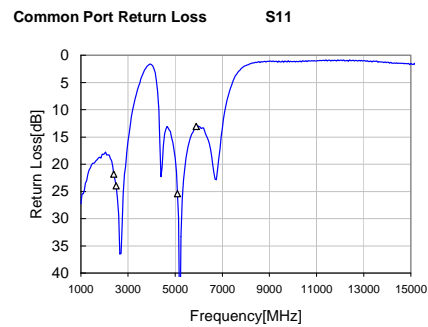
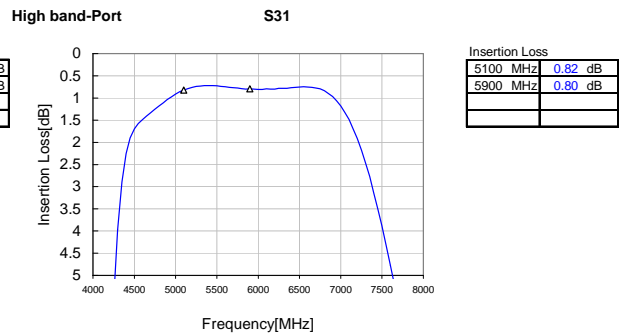
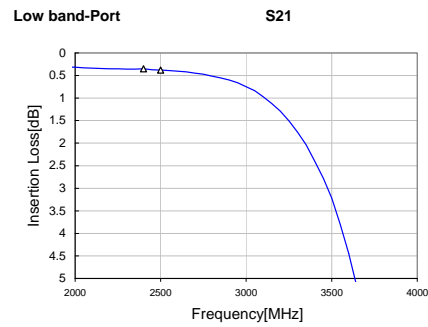
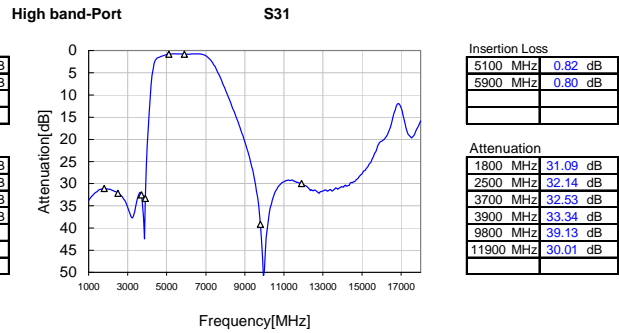
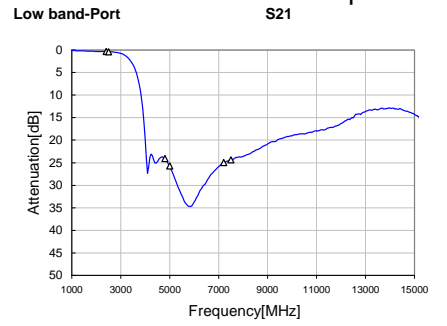
RECOMMENDED LAND PATTERN



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

FREQUENCY CHARACTERISTICS

DPX165900DT-8125A1 Sample Data



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