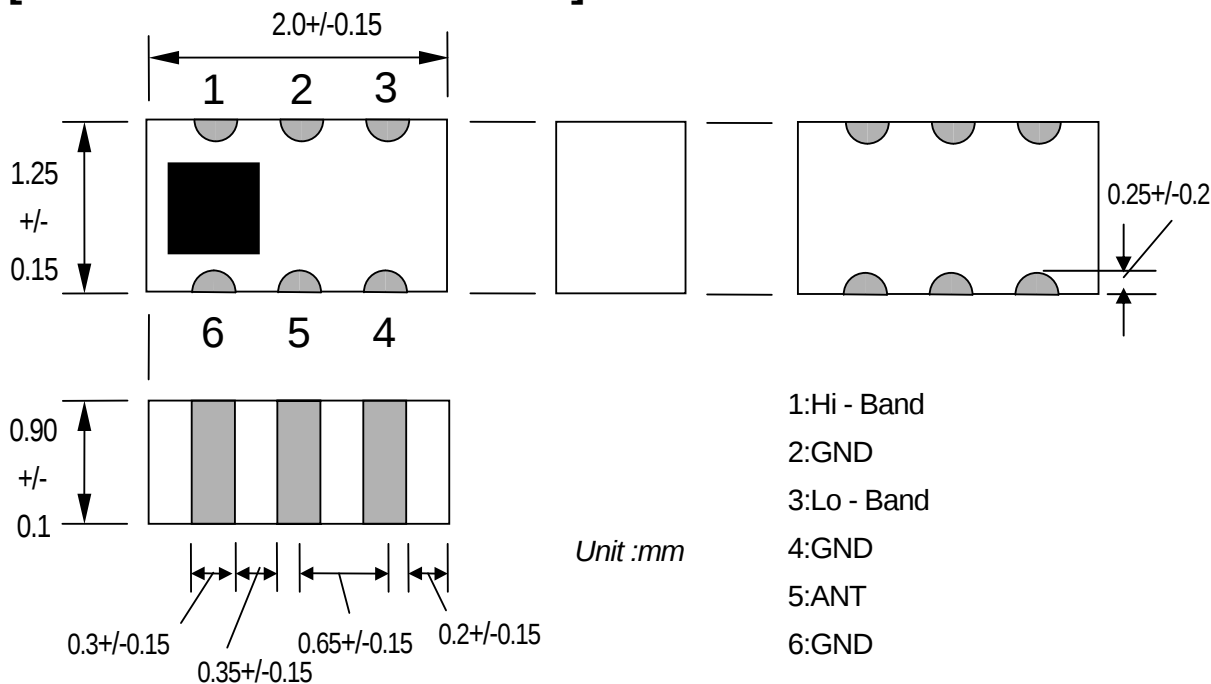


MULTILAYER DIPLEXER SPECIFICATION

P/N: **DPX202690DT-4149A2**

[MECHANICAL DIMENSIONS]



[ELECTRICAL CHARACTERISTICS] at 25 degC

No.	PARAMETER	FREQ (MHz)	SPEC		Typical value Value	UNIT
			Min.	Max.		
1	Insertion Loss(Lo – Band Port)	704 - 960	-	0.30	0.24	dB
2	Insertion Loss(Hi – Band Port)	1710 - 2170	-	0.50	0.38	dB
3		2170 - 2690	-	1.20	0.83	dB
4	Attenuation(Hi – Band Port)	704 - 824	17	-	20.4	dB
5		824 - 960	20	-	22.8	dB
6	Attenuation(Lo – Band Port)	1710 - 2170	15	-	17.7	dB
7		2170 - 2690	13	-	16.8	dB
8	VSWR (Lo-Band Port)	704 - 824	-	1.70	1.29	-
9		824 - 960	-	1.50	1.23	-
10	VSWR (Hi-Band Port)	1710 - 2170	-	1.70	1.52	-
11		2170 - 2690	-	2.50	2.13	-

[TEMPERATURE RANGE]

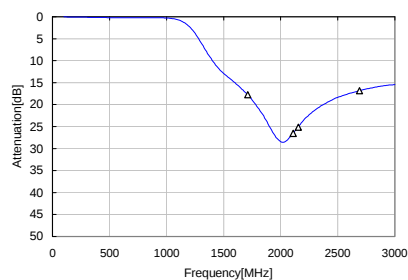
Storage Temperature	-40 ~ +85 °C
Operation Temperature	-40 ~ +85 °C

Note: This document is PRELIMINARY. All specifications are subject to change and are not guaranteed.

[FREQUENCY RESPONSE]

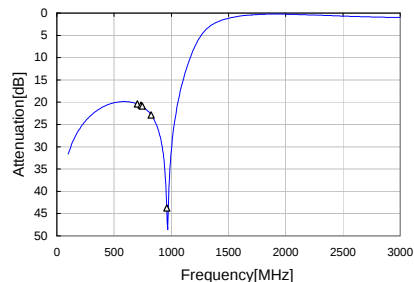
Lo-Band Port

S21



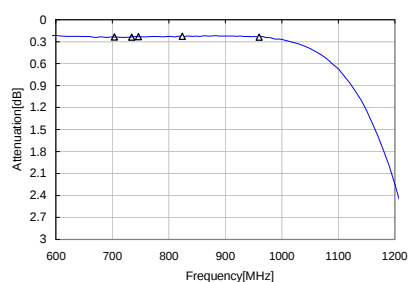
Hi-Band Port

S31



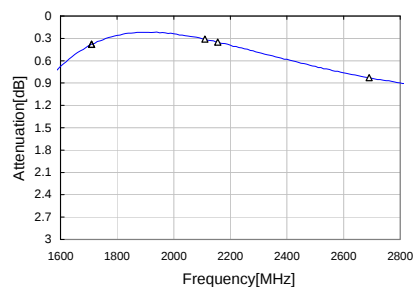
Lo-Band Port

S21



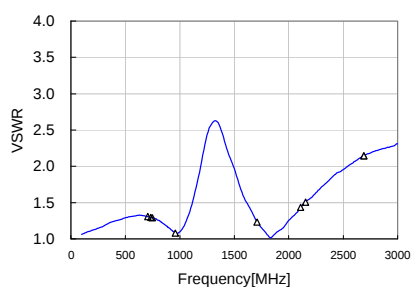
Hi-Band Port

S31



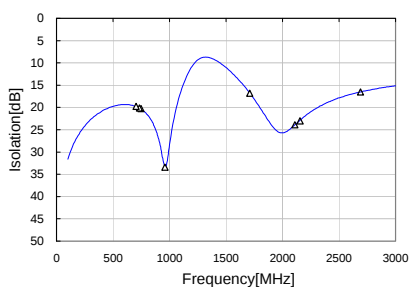
Common Port VSWR

S11



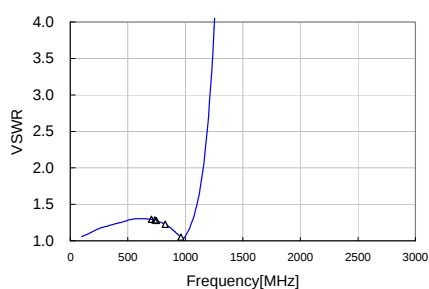
Isolation

S23



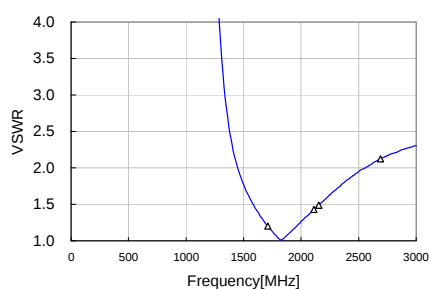
Lo-Band Port VSWR

S22

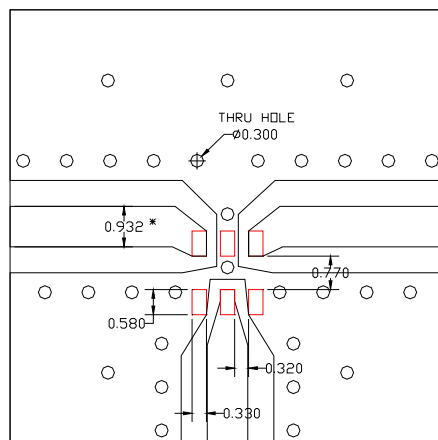


Hi-Port VSWR

S33



[Recommended PCB Pattern]



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