

**SUMMARY TEST DATA
ON
P8T-0R5G18G-70-T-SFF**

Customer: _____
SO No: _____
Model No: P8T-0R5G18G-70-T-SFF
Serial No: PL52324/2515

Tested By: L. McGraw
Temperature: +25°C
Date: 4/10/2025
Drawing No: 27614421 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC																																								
1	Frequency Range:	0.5 GHz to 18 GHz	0.5 GHz to 18 GHz	PMI QA4																																								
2	Insertion Loss:	4.5 dB Maximum	4.12 dB See Plot																																									
3	Isolation:	0.5 GHz to 2 GHz: 60 dB Min. 2 GHz to 18 GHz: 70 dB Min.	0.5 to 2 GHz: 87 dB 2 to 18 GHz: 78 dB See Plot																																									
4	VSWR:	2.0:1 Typ.	In 1.5:1 Out 1.4:1 Terminated 1.4:1 See Plot																																									
5	Rise/Fall Time:	10 ns Typ. 15 ns Max.	Pass See Typical Characteristics																																									
6	Delay On/Off:	75 ns Typ. 100 ns Max.	Pass See Typical Characteristics																																									
7	DC Supply:	+5 VDC @ 400 mA Max. -5 VDC @ 100 mA Max.	+5 VDC @ 61 mA -5 VDC @ 17 mA																																									
8	Control Signal:	<table border="1"> <thead> <tr> <th colspan="4">LOGIC TABLE 3 BIT DECODER</th> </tr> <tr> <th>E1</th> <th>E2</th> <th>E3</th> <th>FUNCTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>J1-J2 "Low Loss"</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>J1-J3 "Low Loss"</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>J1-J4 "Low Loss"</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>J1-J5 "Low Loss"</td> </tr> <tr> <td>1</td> <td>0</td> <td>0</td> <td>J1-J6 "Low Loss"</td> </tr> <tr> <td>1</td> <td>0</td> <td>1</td> <td>J1-J7 "Low Loss"</td> </tr> <tr> <td>1</td> <td>1</td> <td>0</td> <td>J1-J8 "Low Loss"</td> </tr> <tr> <td>1</td> <td>1</td> <td>1</td> <td>J1-J9 "Low Loss"</td> </tr> </tbody> </table>	LOGIC TABLE 3 BIT DECODER				E1	E2	E3	FUNCTION	0	0	0	J1-J2 "Low Loss"	0	0	1	J1-J3 "Low Loss"	0	1	0	J1-J4 "Low Loss"	0	1	1	J1-J5 "Low Loss"	1	0	0	J1-J6 "Low Loss"	1	0	1	J1-J7 "Low Loss"	1	1	0	J1-J8 "Low Loss"	1	1	1	J1-J9 "Low Loss"	Pass	PMI QA4
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QA/QC Approval: *Cameron Kelly*

Date: 4/11/25

