



1×2 Optical Switch Final Inspection Report

1. S/O No.: S10051
2. Part No.: OFMS522111CT
3. Serial No.: 775411



4. Test data (23 °C) :

Item	Parameters		Unit
1	Wavelength		1550 nm
2	1-2	IL *	0.30 dB
		PDL	0.01 dB
		Crosstalk	63 dB
3	1-3	IL *	0.20 dB
		PDL	0.01 dB
		Crosstalk	65 dB
4	Return Loss		60 dB
5	Switch Time		<10 ms
6	Fiber Type		Corning SMF-28, 250 μm Bare Fiber
7	Fiber Length		>90 cm
8	Operating Temperature		0~75 °C
9	Storage Temperature		-40~85 °C
10	Switch Voltage		3.5 V
11	Switch Control		Latching type, 2 Coils
12	Coil Resistance, Pin 1-6, or 12-7		≥45 Ω/Coil
13	Dimension (W×H×D), Refer drawing		40×15.5×9 mm

* Including PDL.

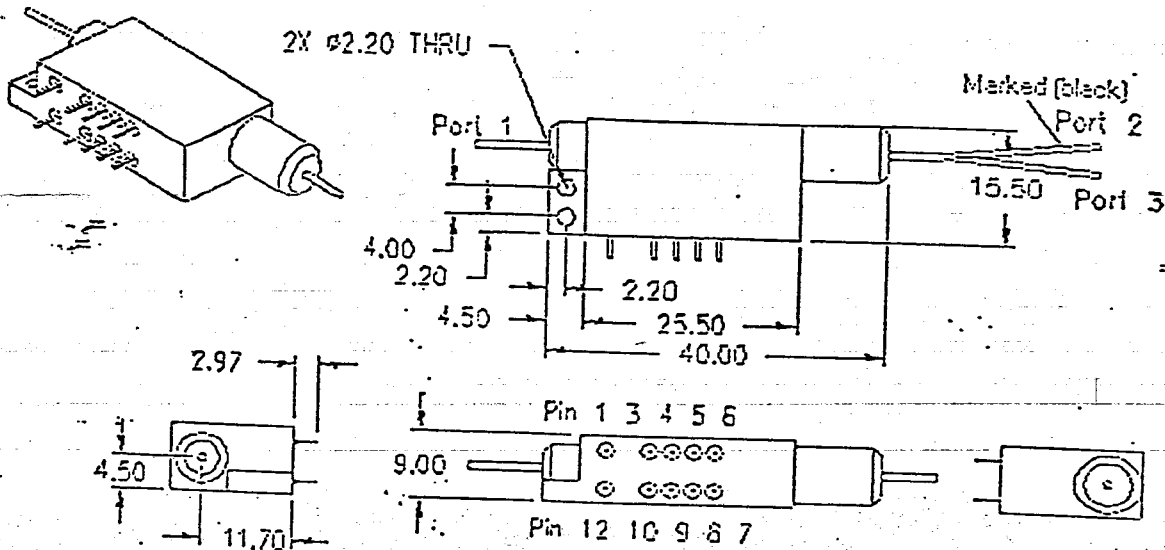
Checked By: 112/ Diane Date: 3/27/01



OPLINK
COMMUNICATIONS

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Dimension drawing: (mm)



Electrical Connector Configuration

Optical Path	Electrical Drive				Status Sensor			
	Pin 1	Pin 6	Pin 7	Pin 12	Pin 4-3	Pin 4-5in	9-8	Pin 9-10
1-2	+V	Gnd	N/A	N/A	Open	Closed	Closed	Open
1-3	N/A	N/A	Gnd	+V	Closed	Open	Open	Closed

Pin 1: 3.5V to connect port 1-2

Pin 7: 3.5V to connect port 1-3