

### TEST DATA SHEET

Description: Polarization Maintaining Tap Coupler

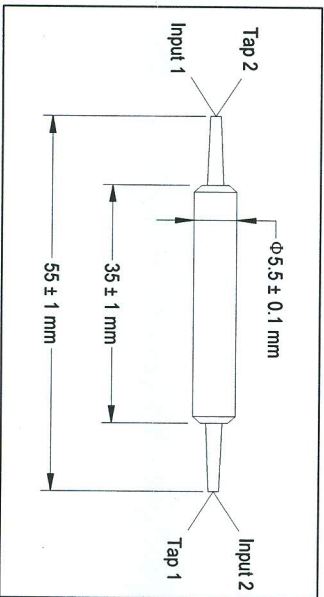
Part Number: PMTC-55-2-01-N-B-P-Q-F-P(SR3457)

S/N: \* 2 3 5 0 7 3 \*



Parameter	Unit	Specification	Test Data
Center Wavelength	nm	1550	1550
Operating Wavelength Range	nm	± 40	± 40
Max. Insertion Loss (Input 1→Input 2)	dB	1.24	0.80
Max. Insertion Loss (Tap 2→Tap 1)	dB	1.24	0.85
Max. Insertion Loss (Input 1→Tap 1)	dB	19.20-20.96	20.62
Max. Insertion Loss (Tap 2→Input 2)	dB	19.20-20.96	20.53
Max. Excess Loss	dB	1.2	0.81
Min. Extinction Ratio (Input 1→Input 2)	dB	18	22
Min. Extinction Ratio (Tap 2→Tap 1)	dB	18	24
Min. Extinction Ratio (Input 1→Tap 1)	dB	18	24
Min. Extinction Ratio (Tap 2→Input 2)	dB	18	21
Min. Return Loss	dB	50	56
Connector Type	-	-	None
Fiber Type	-	PM 1550 fiber, φ 250 um	-
Polarization Axis Alignment	-	Fast axis blocked	-
Fiber Length	m	0.75	0.75
Max. Average Optical Power	mW	300	300
Max. Peak Power for ns pulse	kW	1	1
Operating Temperature	°C	-5 to +70	-5 to +70
Storage Temperature	°C	-40 to +85	-40 to +85

Package Dimensions:



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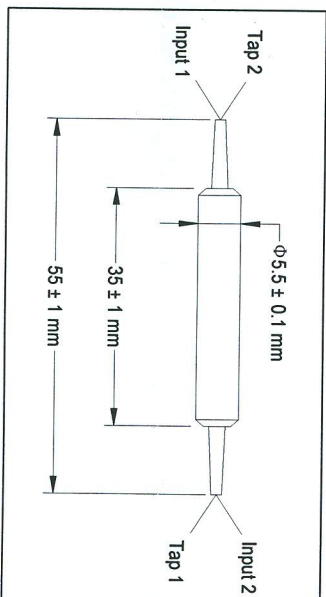
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S/N: \* 2 3 5 2 1 9 \*



Parameter	Unit	Specification	Test Data
Center Wavelength	nm	1550	1550
Operating Wavelength Range	nm	± 40	± 40
Max. Insertion Loss (Input 1→Input 2)	dB	1.24	0.91
Max. Insertion Loss (Tap 2→Tap 1)	dB	1.24	0.61
Max. Insertion Loss (Input 1→Tap 1)	dB	19.20-20.96	20.45
Max. Insertion Loss (Tap 2→Input 2)	dB	19.20-20.96	20.17
Max. Excess Loss	dB	1.2	0.87
Min. Extinction Ratio (Input 1→Input 2)	dB	18	26
Min. Extinction Ratio (Tap 2→Tap 1)	dB	18	30
Min. Extinction Ratio (Input 1→Tap 1)	dB	18	30
Min. Extinction Ratio (Tap 2→Input 2)	dB	18	26
Min. Return Loss	dB	50	60
Connector Type	-	-	None
Fiber Type	-	PM 1550 fiber, φ 250 um	-
Polarization Axis Alignment	-	Fast axis blocked	-
Fiber Length	m	0.75	0.75
Max. Average Optical Power	mW	300	300
Max. Peak Power for ns pulse	kW	1	1
Operating Temperature	°C	-5 to +70	-5 to +70
Storage Temperature	°C	-40 to +85	-40 to +85

Package Dimensions:



Remark:

Tested By: Rose

Date: 2012-6-18

Reviewed By: I J

Date: 2012-6-18

Form No.: M06-185-02A

Remark:

Tested By: Rose

Date: 2012-6-18

Reviewed By: I J

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