Specification Review Data Sheet

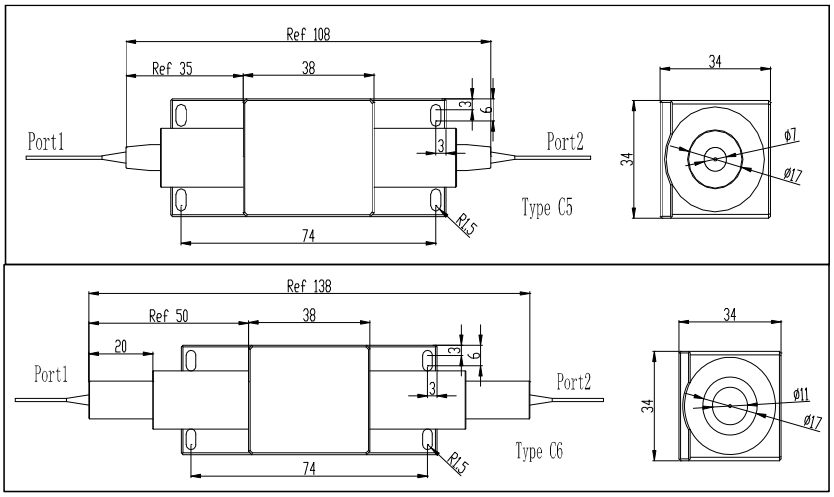
Spec Review No.: SR1203010A
Date: Mar. 13, 2012
Customer:
Customer P/N:
Description:High Power Polarization Maintaining Isolator
Optizone P/N: HPMI-06-C6-20-F-NN-LL-1

Specifications

Parameters	Unit	Values	
Center Wavelength (λc)	nm	1064 or Specify	
Operating Wavelength Range	nm	±10	
Typ. Peak Isolation	dB	32-40	
Min. Isolation at 23℃	dB	26	
Typ. Insertion Loss	dB	0.6	
Max. Insertion Loss at 23℃, λc	dB	1.0	
Min. Return Loss (Port1/Port2)	dB	50/50	
Min. Extinction Ratio (only for B Type)	dB	20	
Min. Extinction Ratio (only for F Type)	dB	22	
Max. Optical Power (CW)		1, 3, 5	10, 20
Package Type	W	C5	C6
Max. Tensile Load	N	5	
Fiber Type		PM 980 Panda Fiber or PM LMA Fiber	
Operating Temperature	℃	-5 to +50	
Storage Temperature	℃	-20 to +75	

*For pulse applications, pls discuss with Optizone Technology.
*No plastic cap on the ends of the component if 3mm jacketed is chosen;
*If special pulse power is applied, please discuss with Optizone;
*Package size indicated is for standard choose, if special size is required, please discuss with Optizone.

Package Dimensions



Ordering Information

HPMI-①①-②②-③③-④-⑤⑤-⑥⑥-⑦

①①: Wavelength
06 - 1064nm
SS - Specify

②②: Package Type
C5 - Type C5
C6 - Type C6

③③: Handling Power
01 - 1W
05 - 5W
10 - 10W
20 - 20W
S - Specify

④: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑤⑤: Connector Type on Port 1 & 2
N - None
S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2
L - 900um Loose Tube
C - 3mm Loose Cable
A - 3mm Armoured Cable
S - Specify

⑦: Fiber Length
0.8 - 0.8m
S - Specify