

Spec Review No.: SR1812012A

Date: Dec. 18, 2018

Customer:

Customer P/N:

Description: High Power Polarization Maintaining Isolator

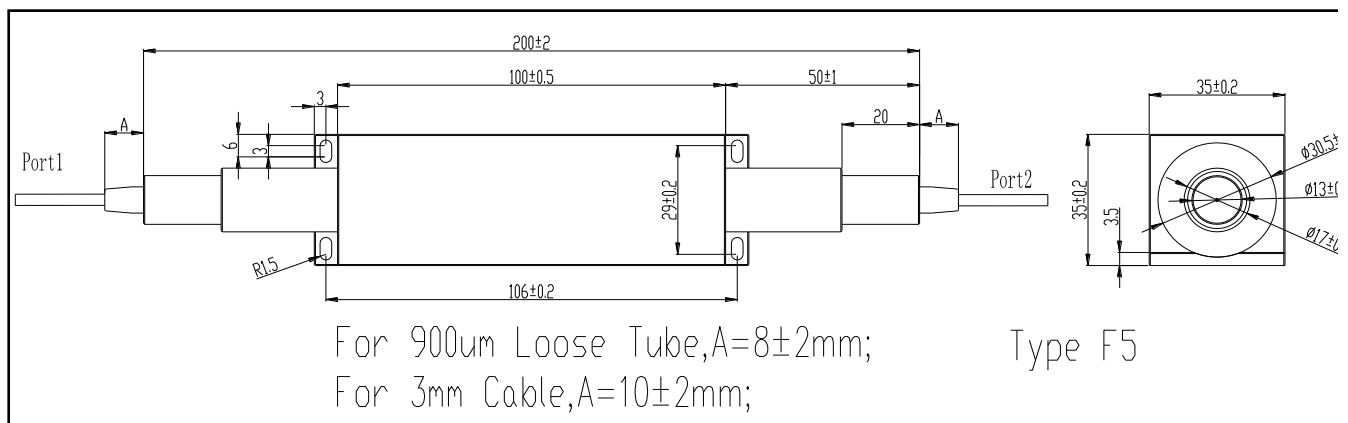
Optizone P/N: HPMI-03-F5-01-F-NN-LL-0.

Specifications

Parameters	Unit	Values
Center Wavelength (λ_c)	nm	1030 or Specify
Operating Wavelength Range	nm	± 20
Typ. Peak Isolation	dB	50
Min. Isolation at 23°C	dB	45
Typ. Insertion Loss	dB	1,2
Max. Insertion Loss at 23°C, λ_c	dB	1,8
Min. Return Loss (Port1/Port2)	dB	50/50
Min. Extinction Ratio (only for F-Type)	dB	23
Max. Optical Power	W	1 or specify
peak power	KW	1,0
Max. Tensile Load	N	5
Fiber Type	-	Fujikura PM980 Fiber
Operating Temperature	°C	0 to +50
Storage Temperature	°C	-20 to +75

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

HPMI-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦

①①: Wavelength

03- 1030nm

SS - Specify

②②: Package Type

F5 - Type F5

③③: Handling Power

01 - 1W

S - Specify

④④: Axis Alignment

F - Fast Axis Blocked

⑤⑤: Connector Type on Port 1 & 2

N - None

S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2

B - 250um Bare Fiber

L - 900um Loose Tube

C - 3mm Loose Cable

S - Specify

⑦⑦: Fiber Length

0.8 - 0.8m

S - Specify