

Key Features

- Based on TFF technology
- Low Insertion loss
- Stable at wide range of operating temperatures
- Accurate beam pitch

Applications

- Integrated directly into multi-wavelength high speed TOSA/ROSA and transceivers.



Parameter Specifications

Parameters	CWDM		Units
Pitch	500±50	750±50	um
AOI	8°/13.5°		degree
Insertion Loss	≤1.0	≤1.0	dB
Ripple	≤0.30	≤0.30	dB
Polarization Dependent Loss	≤0.25	≤0.25	dB
Dimension(LxWxH)	3.2 x 2.4 x 0.9	3.51 x 2.43 x 1.25	mm
Channel Center Wavelengths	λ1, λ2, λ3, λ4,	λ1, λ2, λ3, λ4,	nm
Channel Spacing	20		nm
Channel Passband	λc ± 6.5 (Min.)		nm
Isolation-Adjacent	≥30		dB
Isolation-Non-adjacent	≥40		dB
Directivity	≥50		dB
Return Loss	≥45		dB

Notes:

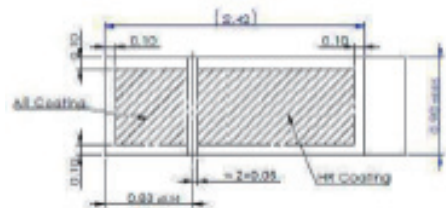
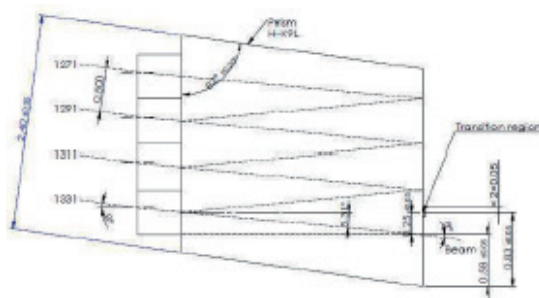
- Customers can have choices of 0.9, 1.0, 1.1 ,or 2.0mm pitch.

Operating Conditions

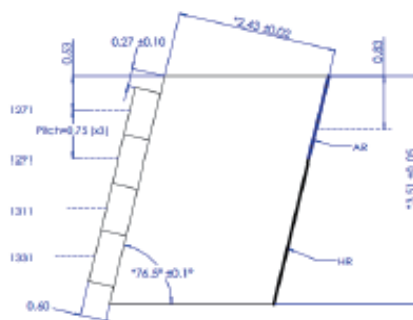
Parameters	CWDM BLOCK	Units
Maximum Power handling	500	mW
Operating Temperature	-5 ~ +70	°C
Storage Temperature	-40 ~ +85	°C
Operation Humidity	5 to 95 % Relative Humidity	

Mechanical Dimensions

0.5mm pitch Z- BLOCK



0.75mm pitch Z- BLOCK



Part Number Scheme: Z-Block CWDM

