

4ch CWDM MUX AWG Chip

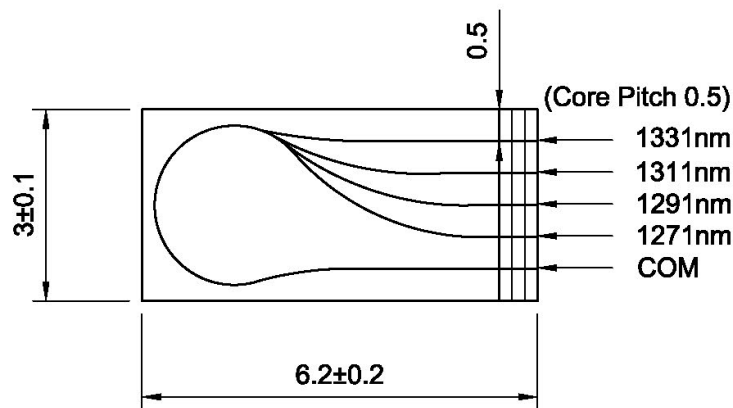
FEATURES

- ◆ 4ch CWDM U-Type AWG Chip
- ◆ Low Insertion Loss
- ◆ High Reliability
- ◆ Custom Design: Chip Size, Optical Specifications, Polishing Angles
- ◆ RoHS Compliant

MECHANICAL SPECIFICATION

Mechanical	Size
U-type Chip Size (500um)	6.2mmx3.0mmx1.0mm

Parameter	Condition	Unit	Typ.	Max.
Spectral Region	—	nm	1300nm Region	—
Channel Spacing	ITU-G.694.2	nm (GHz)	20nm (3543GHz)	—
Channel Number	—	CH	4	—
Center Wavelength	CH1 ; CH2 CH3 ; CH4	nm (THz)	1271nm(235.87THz) ; 1291nm(232.22THz) 1311nm (228.67THz) ; 1331nm (225.24THz)	
Center Wavelength Accuracy	—	nm	±1nm	—
Insertion Loss(chip only)	Center Wavelength	dB	—	4.5
Isolation	Adjacent CH	dB	N/A	—
	Non-adjacent CH	dB	N/A	—
Bandwidth	1-dB Bandwidth	nm(GHz)	10	—
	3-dB Bandwidth	nm(GHz)	15	—
Polarization Dependent Loss	—	dB	0.20	0.45
Power Handling	—	mW	—	500
Operation Temperature	—	°C	-10 ~ +85°C	
Storage Temperature	—	°C	-40 ~ +85°C	



PN.: ACH014S1NE08M
4ch-20nm Mux(6.2X3.0X1.0)