

4ch-800GHz DEMUX AWG Chip

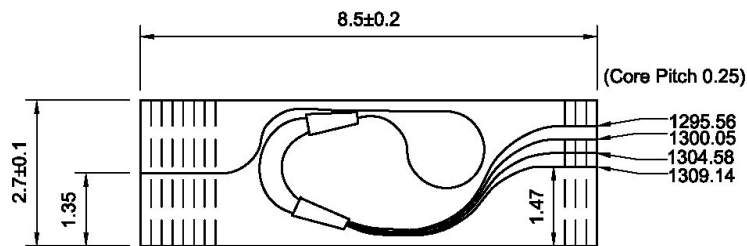
FEATURES

- ◆ 4ch LWDM DEMUX AWG Chip
- ◆ Super Low Insertion Loss
- ◆ High Reliability
- ◆ RoHS Compliant

MECHANICAL SPECIFICATION

Mechanical	Size
Chip Size (250um)	8.5mmx2.7mmx1.0mm

Parameter	Condition	Unit	Typ.	Max.
Spectral Region	—	nm	1300nm Region	—
Channel Spacing	ITU-G.694.2	nm (GHz)	800GHz (4.51nm)	—
Channel Number	—	CH	4	—
Center Wavelength	CH1 ; CH2 CH3 ; CH4	THz(nm)	231.4THz(1295.56nm);230.6THz(1300.05nm) 229.8THz(1304.58nm); 229.0THz(1309.14nm);	
Center Wavelength Accuracy	—	nm	±0.5nm	—
Insertion Loss	Center Wavelength	dB	—	2.5
Isolation	Adjacent CH	dB	-21	—
	Non-adjacent CH	dB	-30	—
Bandwidth	1-dB Bandwidth	nm(GHz)	2.8	—
	3-dB Bandwidth	nm(GHz)	3.4	—
Polarization Dependent Loss	—	dB	0.5	—
Power Handling	—	mW	—	500
Operation Temperature	—	°C	-10 ~ +85°C	
Storage Temperature	—	°C	-40 ~ +85°C	
Wavelength shift per degree C	—	°C	8.5pm/C	



PN.: ACH140060SN-A
4ch-800GHz MM Flat AWG(8.5×2.7×1)