

# 4CH CWDM Mux500 Chip (U-Type)

SCC0422-U1XXX

## Features

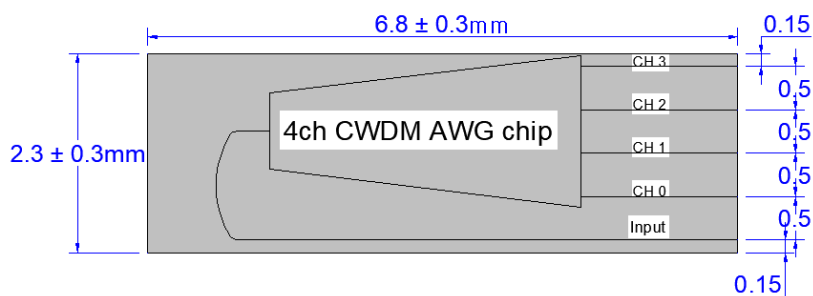
- Planar Lightwave Circuit (Silica-Based)
- High Stability and Reliability
- Compact Size (Suitable to QSFP28 or CFP4)

## Specifications

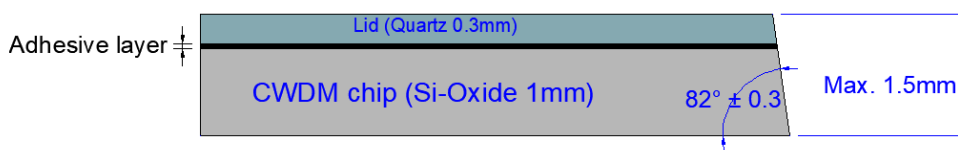
Parameter		Unit.	Values	Condition
Channel pitch		um	500	
Chip size		mm	6.8 x 2.3 x 1.5	Length x Width x Thickness
Channel spacing		nm	20	ITU-T 694.2
Center wavelength (Channel)	CH 0	nm	1271	
	CH 1	nm	1291	
	CH 2	nm	1311	
	CH 3	nm	1331	
Center wavelength accuracy		nm	±1	Room Temperature
Center wavelength shift		nm/°C	0.011	
Insertion Loss (Max.)		dB	3.0	Fiber coupling Loss Included
Loss Uniformity		dB	0.5	
Bandwidth (Min.)	1 dB	nm	11	
	3 dB	nm	14	

**Dimension Information** (Dimensions are in mm)

1) **TOP View**



2) **Side View**



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Specifications described here are subject to change without notice