

# RECEPTACLE ISOLATOR

## FIR-S-31-SC-A

Receptacle isolator is generally used in various TOSAs which require isolation to prevent feedback into laser. Finisar receptacle isolators offer excellent performance with low insertion loss, high isolation. Our proprietary bonding process, and years of volume manufacturing experience, results in a high reliability record. Bare isolator chips survive more than 5,000hrs of damp heat testing without delamination.



## SPECIFICATIONS

Parameter	Unit	Specification
Central Wavelength	nm	1270 ~1610
Wavelength Range	nm	±20
Insertion Loss (isolator)	dB	< 0.3
Min Isolation Over Temperature and Wavelength Range	dB	>20
Isolation at Center Wavelength	dB	>30 dB @ 23°C
PGP Size	mm	0.5*0.6
Operating Temperature	°C	-40 to 85
Storage Temperature	°C	-40 to 85

Receptacle is customized.