

100G LR4 TOSA



► Features

- DFB Laser for 4x25Gbps Lan-WDM LR4 application
- Operation case temperature range of -5~70°C
- Driver-less for low cost solution
- Up to 25.8Gbps operation (NRZ)
- Hermetic design
- Electrical Interfaces Via Separate RF and DC FPC's
- Optical Interface with SMF XMD-MSA LC Receptacle
- Built in Thermoelectric Cooler for LD chip temperature control

► Applications

- 100GBASE-LR4 100G Ethernet
- 100G QSFP28/CFP4 Transceivers

► Absolute Maximum Ratings

Parameter	Symbol	Min.	Typical	Max.	Unit	Notes
LD forward Current	I_{OP}	-	-	100	mA	
LD reverse Voltage	V_R	-	-	2	V	
TEC supply voltage	V_{TEC}	-	-	3	V	
TEC supply current	I_{TEC}	-	-	1	A	
Storage temperature	T_{STG}	-40	-	85	°C	
Operating case temperature	T_{OP}	-5	-	70	°C	

► Mechanical Dimensions

