

## Ikshu 10G SFP+ LR

### Features

- ❖ 10Gb/s serial optical interface compliant to 802.3ae 10GBASE-LR
- ❖ 1310nm DFB transmitter, PIN photo-detector
- ❖ Operating case temperature: 0 to 70°C
- ❖ All-metal housing for superior EMI performance
- ❖ Low power consumption
- ❖ 2-wire interface for management specifications compliant with SFF 8472 digital diagnostic monitoring interface for optical transceivers
- ❖ Electrical interface compliant to SFF-8431 specifications for enhanced 8.5 and 10 Gigabit small form factor pluggable module “SFP+”
- ❖ Advanced firmware allow customer system encryption information to be stored in transceiver
- ❖ Cost effective SFP+ solution, enables higher port densities and greater bandwidth.
- ❖ All Ikshu 10G SFP+ range of products are compatible with all the leading brands of Hardware manufactures.



### Specifications

Part Number	Symbol	Minimum	Maximum	Unit
Power Supply	Vcc	0	3.6	V
Storage Temperature	Tc	-40	85	°C
Operating Temperature	Tc	0	70	°C
Relative Humidity	RH	5	95	%
RX Input Average power	Pmax		0	dBm

### Recommended Operating Environment

Part Number	Symbol	Minimum	Typical	Maximum	Unit
Power Supply Voltage	Vcc	3.135	3.3	3.3465	V
Storage Temperature	Tc	0	25	70	°C

### Ordering Information

Part Number	Type	Wavelength	Distance Supported
Ikshu 10G SFP+ LR	Singlemode	1310nm	10km

