

Features

- Low power consumption (1.6W @ 10Gbps 30m, 2.1W @ 10Gbps 100m)
- Supports 10GBase-T using 100m Cat 6a/7 cable
- Supports 1000Base-T using 100m Cat 5e cable
- Auto-sense MDI/MDIX
- Compliant with IEEE 802.3az
- Compliant with SFF-8431 and SFF-8432 MSA
- Compliant with RoHS 2.0, Reach, CE, FCC standards



Applications

- 10 Gigabit Ethernet

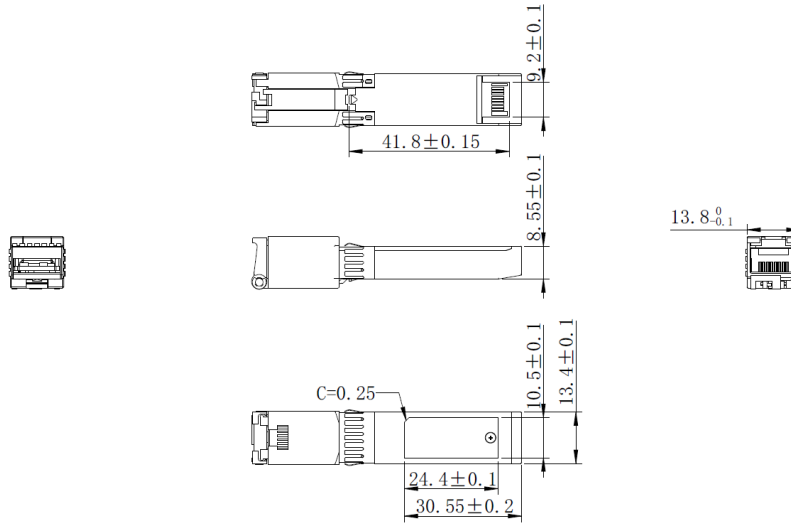
1. General Specifications

Parameter	Symbol	Min	Typ	Max	Units	Notes
Data Rate	DR		10		Gb/s	1
Bit Error Rate	BER			10^{-12}		
Storage Temperature	TSTO	-40		85	°C	2
Supply Current	ICC		590		mA	3
Input Voltage	VCC	3.14	3.3	3.46	V	
Maximum Voltage	VMAX	-0.5		4	V	
Surge Current	I _{surge}			30	mA	

Notes:

1. IEEE 802.3ae
2. Ambient temperature
3. Test at 10Gbps rate using 80m CAT 6A cable

2. Mechanical Diagram



Note: External physical characteristics are subject to variation. This may include, but is not limited to, external case designs, pull tab colors and/or shapes, removal latch styles or colors, and label sizes and placement. These variations do not affect the function or characteristics of the transceivers.

3. Ordering Information

OEM	Part Number	OEM	Part Number
MSA	AN-SFP10GT-100-I	MSA OnePort	OP-SFP10GT-100-I

4. Contact Information

Tel: 800.590.9535

Web: <http://www.approvednetworks.com>