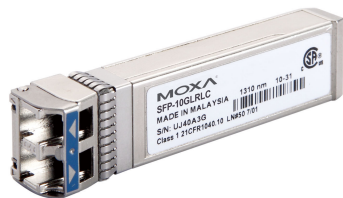


SFP-10Gシリーズ

1ポート10ギガビットイーサネットSFP+モジュール



機能と特長

- デジタル診断監視機能
- IEEE 802.3aeに準拠
- SFF-8432 SFP+ MSAに準拠
- ホットプラグ可能なLCデュプレックスコネクタ
- クラス1レーザー国際安全規格IEC 60825-1準拠
- RoHS準拠

認証



製品紹介

SFP-10Gシリーズの1ポートギガビットイーサネットSFPモジュールは、幅広いMoxaスイッチに対するオプションのアクセサリとして使用できます。

仕様

Ethernet Interface

Connectors		Duplex LC connector									
Optical Fiber		10G Ethernet SFP									
		SFP-SR				SFP-LR	SFP-ER	SFP-ZR			
		Transceiver Type		Multi-Mode				Single-mode	Single-mode	Single-mode	
		Fiber Cable Type		OM1	OM2	OM3	OM4	G.652	G.652	G.652	
		Typical Distance		33 m	82 m	300 m	400 m	10 km	40 km	80 km	
		Wavelength	Typical (nm)	850				1310	1550	1550	
			TX Range (nm)	840 to 860				1260 to 1355	1530 to 1565	1530 to 1565	
			RX Range (nm)	840 to 860				1260 to 1355	1530 to 1565	1530 to 1565	
		Optical Power	TX Range (dBm)	-5 to -1				-8.2 to +0.5	-1 to +2	0 to +4	
			RX Range (dBm)	-9.9 to +0.5				-14.4 to +0.5	-15.8 to -1	-23 to -7	
Link Budget (dB)	8.3				7.4	15	23				

		10G Ethernet SFP			
		SFP-SR	SFP-LR	SFP-ER	SFP-ZR
	Dispersion Penalty (dB)	3.9	3.2	3	3
<p>Note: When connecting the SFP-ER or SFP-ZR, we recommend using an attenuator to prevent damage caused by excessive optical power.</p> <p>Typical Distance: To reach the typical distance of specified fiber transceiver, please refer to formula: Link budget(dB) > dispersion penalty(dB) + total link loss(dB)</p>					

Power Parameters

Power Consumption	SFP-10GERLC-T: Max. 2.2 W SFP-10GZRLC-T: Max. 2.5 W SFP-10GLRLC-T: Max. 1 W
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Environmental Limits

Operating Temperature	-40 to 85°C (-40 to 185°F) Note: When using the SFP-10GZRLC-T with the ICS-G7526A/G7528A/G7826A/G7828A and the MDS-G4000-4XGS/MDS-G4000-L3-4XGS Series, the maximum temperature is -10 to 60°C (14 to 140°F).
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

Standards and Certifications

Safety	UL 62368-1 IEC 62368-1 IEC 60825-1
EMC	EN 55032/35
EMI	FCC 15B Test Report ICES-003: 2020 Issue 7
EMS	IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV(AC), 0.5 kV(DC); Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 1 kV/2 kV(AC), 0.5 kV(DC); Signal: 1 kV IEC 61000-4-6 CS: 0.15 MHz to 10 MHz: 3 V, 10 MHz to 30 MHz: 3 to 1 V, 30 MHz to 80 MHz: 1V. IEC 61000-4-8 PFMF: 1 A/m at 50 Hz IEC 61000-4-11: Voltage Dips & Interruption

Warranty

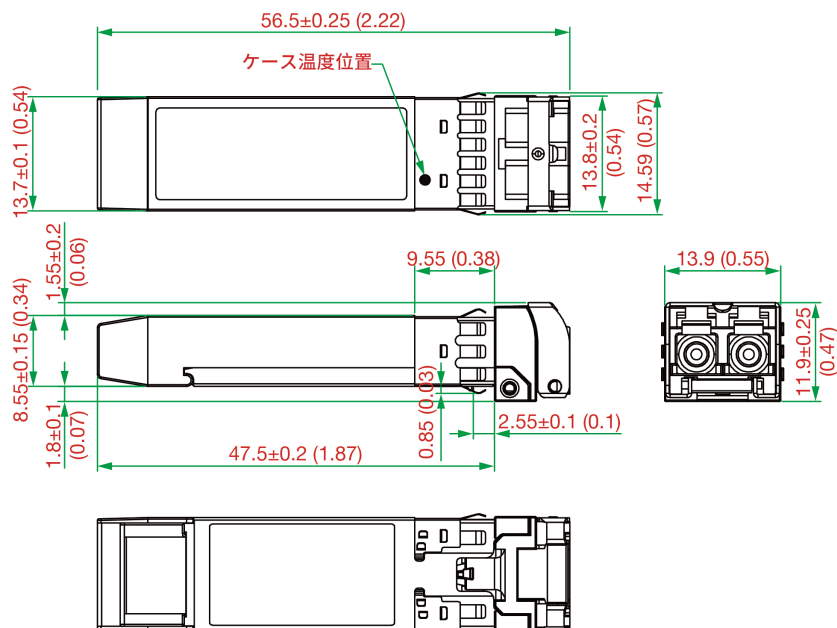
Warranty Period	5 years
Details	See www.moxa.com/jp/warranty

Package Contents

Device	1 x SFP-10G Series module
Documentation	1 x warranty card

寸法

単位: mm (インチ)



注文情報

Model Name	Ports	Connector	Transmission Distance	Operating Temp.
SFP-10GSRLC-T	1 x 10GBase-SR, multi-mode	LC	33 m/82 m/300 m/400 m	-40 to 85°C
SFP-10GLRLC-T	1 x 10GBase-LR, single-mode	LC	10 km	-40 to 85°C
SFP-10GERLC-T	1 x 10GBase-ER, single-mode	LC	40 km	-40 to 85°C
SFP-10GZRLC-T	1 x 10GBase-ZR, single-mode	LC	80 km	-40 to 85°C

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