Fiber Optic Transceiver SFP Gigabit Ethernet, 550 m reach, 850 nm

FOX-SFP-GE-85-SX

Features

- Operating Data Rate up to 1.25Gbps
- Distance Range 550m
- Pluggable SFP Duplex LC Connector

- Standard Operating Temperature
- MSA Compliant

Applications

- Gigabit Ethernet
- Fibre Channel Switch Infrastructure

- Optical Links

Description

The Show Me Cables FOX-SFP-GE-85-SX is an SFP form-factor transceiver, supporting Gigabit Ethernet data rates. The Show Me Cables FOX-SFP-GE-85-SX features a 850 nm transmitter and supports 550 m links over multimode fiber. The FOX-SFP-GE-85-SX is an MSA-compliant transceiver, compatible with most switch and router platforms. The Show Me Cables FOX-SFP-GE-85-SX features digital diagnostics for performance monitoring of the transceiver. The Show Me Cables FOX-SFP-GE-85-SX SFP transceiver is one of thousands of fiber optic connectivity products available from Show Me Cables in-stock and ready to ship. Contact our knowledgeable technical support and sales staff for your answers on fiber optic connectivity or other Show Me Cables products.

Configuration

Connector 1	LC
Connector Mode	Duplex
Compatibility	MSA

Filter Specifications

Description	Minimum	Typical	Maximum	Units
TX Center Wavelength	830	850	860	nm
TX Data Rate		1.25		Gbps
TX Spectral Width			0.85	nm
TX Average Output Power	-9.5		-3	dBm
TX Extinction Ratio	9			dB
RX Center Wavelength	760		860	nm
RX Receiver Sensitivity	-17			dBm
RX Receiver Overload			-3	dBm

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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Small Form-factor Pluggable (SFP) Transceiver MultiSource Agreement (MSA)

20	VeeT
19	TD-
18	TD+
17	VeeT
16	VccT
15	VccR
14	VeeR
13	RD+
12	RD-
11	VeeR

Top of Board

1	VeeT
2	TxFault
3	Tx Disable
4	MOD-DEF(2)
5	MOD-DEF(1)
6	MOD-DEF(0)
7	Rate Select
8	LOS
9	VeeR
10	VeeR

Bottom of Board (as viewed thru top of board)

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1	VeeT		VeeT	20
2	TXFault		TD-	19
3	TX Disable		TD+	18
4	MOD-DEF(2)		VeeT	17
5	MOD-DEF(1)		VccT	16
6	MOD-DEF(0)		VccR	15
7	Rate Select		VeeR	14
8	LOS		RD+	13
9	VeeR		RD-	12
10	VeeR		VeeR	11

Towards Bezel ← → Towards ASIC
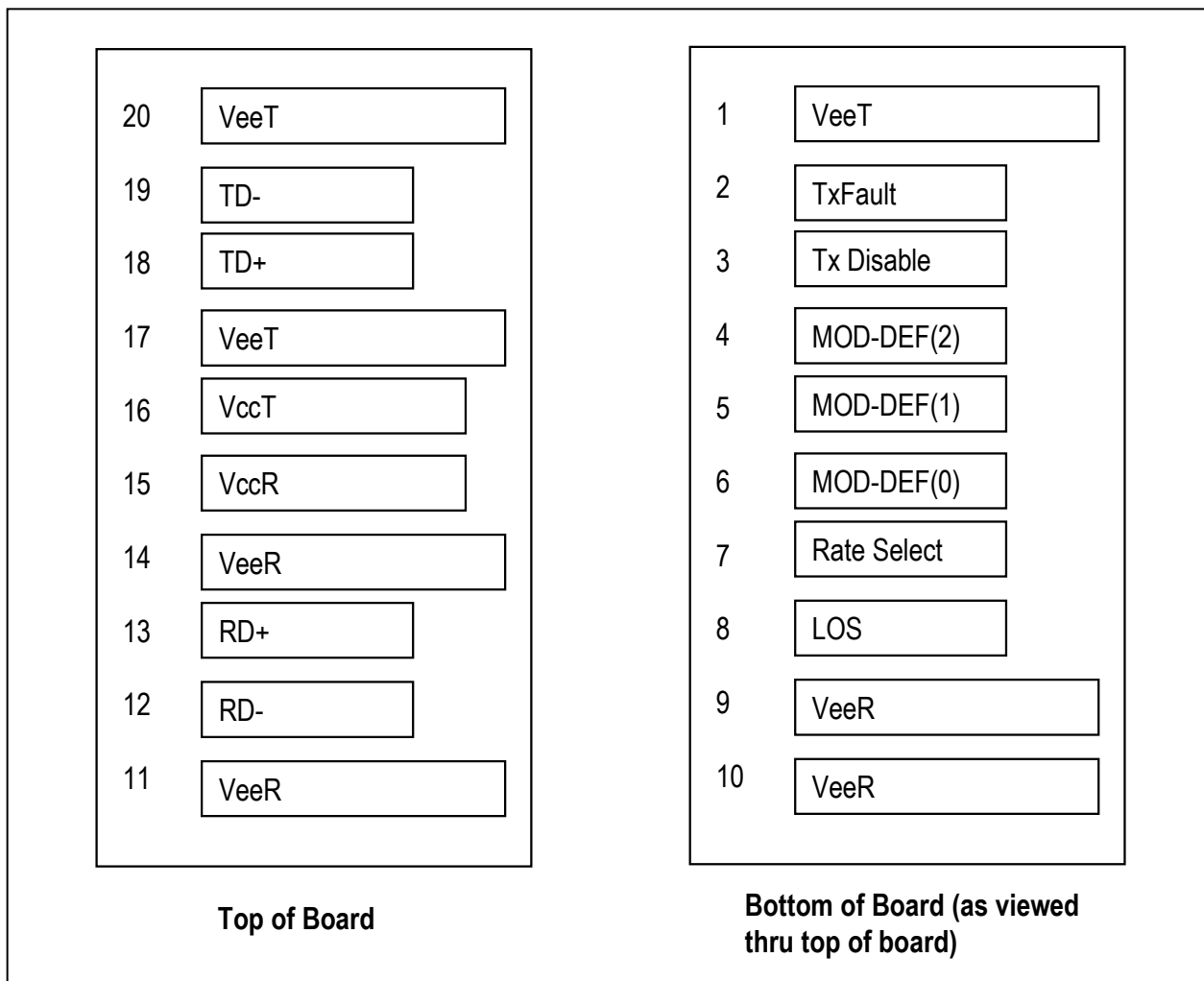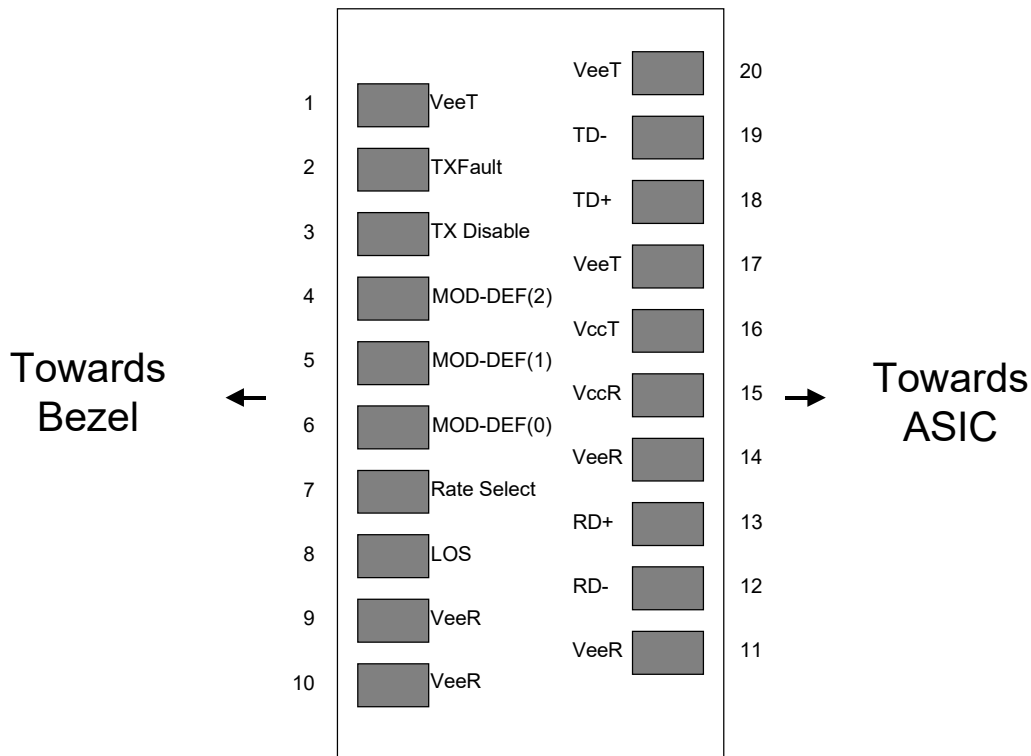
Figure 1. Diagram of Host Board Connector Block Pin Numbers and Names

Environmental Specifications

Temperature

| Operating Range | 0 to +70 deg C |
| Storage Range | -40 to +85 deg C |

Notes:

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

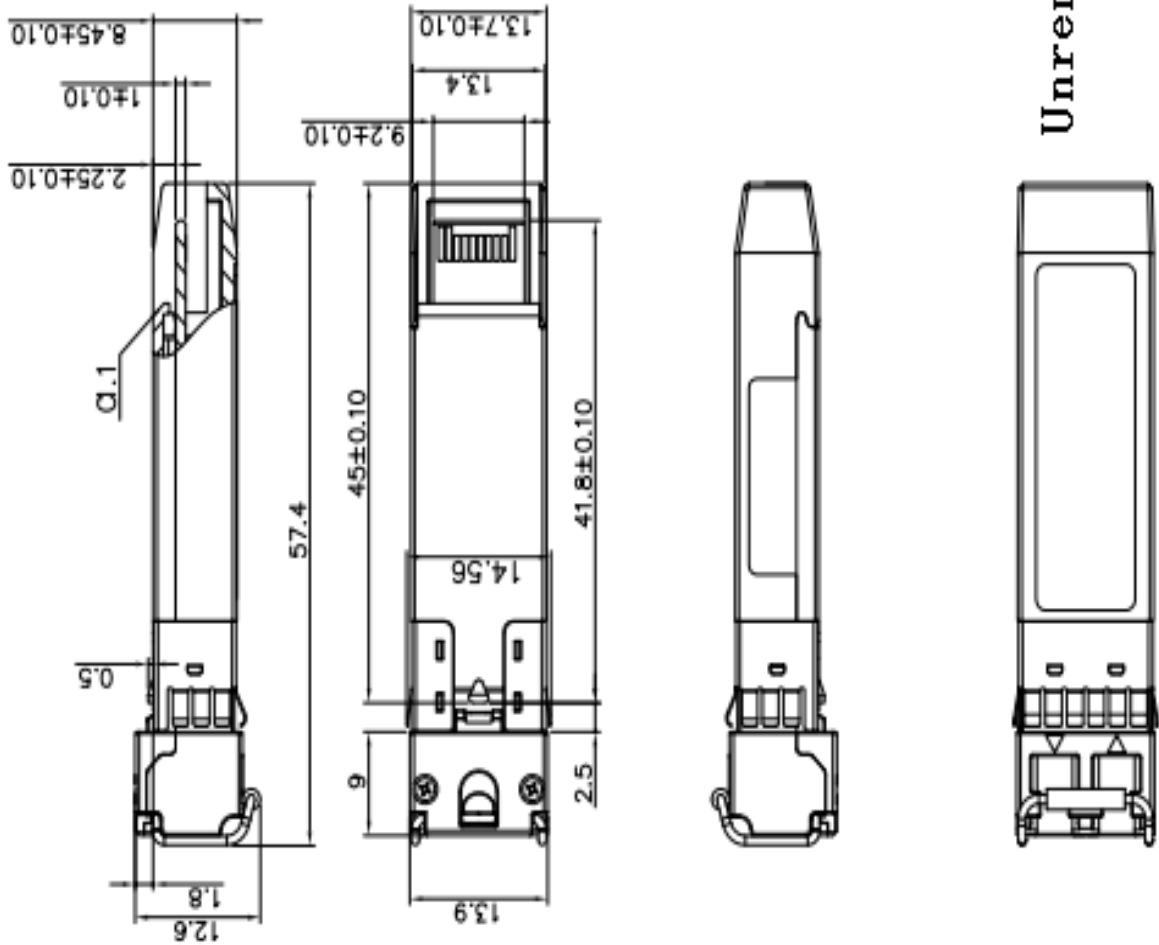Fiber Optic Transceiver SFP Gigabit Ethernet, 550 m reach, 850 nm

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URL: https://www.showmecables.com/fiber-optic-transceiver-sfp-gigabit-ethernet-550-m-reach-850-nm-fxc-sfp1g-85-sx-p.aspx

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FOX-SFP-GE-85-SX CAD Drawing

Unremarked tolerances ±0.2mm

Mechanical Specifications

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