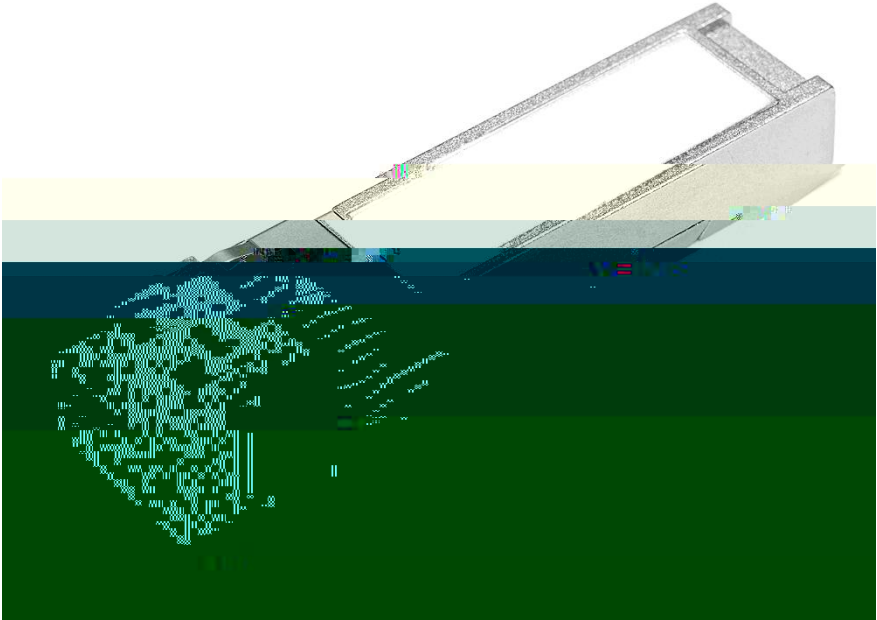


10.3125Gb/s SFP+ 850nm 0.5W 500mW
 RTX228-551



RTX228-551 10Gigabit 850nm VCSEL 0.5W 500mW 8.5 | 10.51875Gb/s
 OM3 50µm 300 FC-PI-4, 10G FC, IEEE 802.3ae, SFF-8432,
 SFF-8431 I2C SFF-8472.

SFP+
 RoHS
 50µm OM3 MMF 300
 850nm VCSEL 0.5W 500mW
 LC
 20
 1.0
 0N ~ 70N
 +3.3V±5%
 SFF-8472

8.5/10.5 Gb/s Fiber

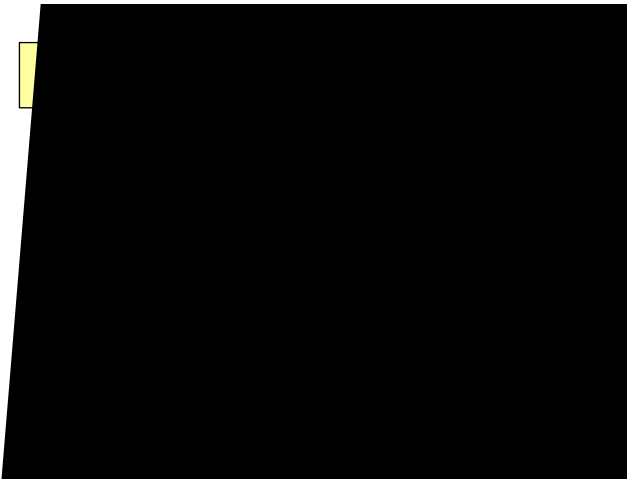
‰

FC-PI-4 , 10GFC
IEEE 802.3ae 10GBASE-SR
SFF-8431
SFF-8472
SFF-8432

H

			λ	λ W		(OMA)		(OM3)	λ T	
RTXM228-5		10.3125	850nm	-7.3~						10G SR
51	SFP+	Gb/s	VCSEL	-1.0dBm	PIN	-11.1dBm	0~70 °C	300m	DDM	8/10GFC

A



	α	~	β	γ	γ	γ
b		Tc	°C	0		70
L 1		Vcc	V	3.14	3.3	3.46
		BR	Gb/s	8.5		10.3125
D 50um MMF (OM3)(2000MHz.km)		L	m			300

	α	~	β	γ	γ	γ
L 1		Vcc	V	3.14	3.3	3.46
		Icc	mA		180	285
w		Pc	W			1.0

Transmitter

~ No		RIN	Ω	80	100	120	1
No ~		VIN	mVp-p	180		700	
Transmit Disable 1		VDIS	V	2		VcCHOST	
Transmit Enable 1		VEN	V	VEE		VEE+0.8	
Transmit Fault 1		VFA	V	2.2		VcCHOST	
Transmit Fault 1		VFDA	V	VEE		VEE+0.4	

Receiver

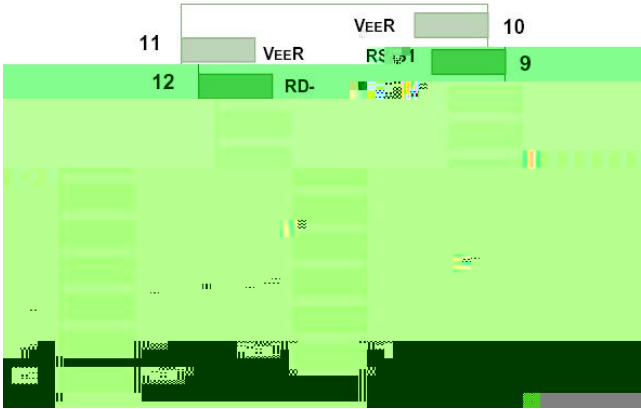
No ƒ		VOD	mVp-p	300		850	
Output: 1		trISE	ps	28			
Output ƒ		tfALL	ps	28			
LOS Fault		VLOSFT	V	2		VcCHOST	
LOS Normal		VLOSNR	V	VEE		VEE+0.8	

NOTE 1: Differen t LJ

Receiver				
	λ_c	nm	840	860
P_{avg}	P_{avg}	dBm	-9.9	-1.0
(OMA)	R_{sense1}	dBm		-11.1
ν_1 (OMA)	R_{sense1}	dBm		-7.5
		dB	12	
LOS Assert	LOS_A	dBm	-30	
LOS De-Assert	LOS_D	dBm		-14
LOS		dB	0.5	

NOTE 1: Equivalent extinction ratio specification for Fiber Channel

U



T

