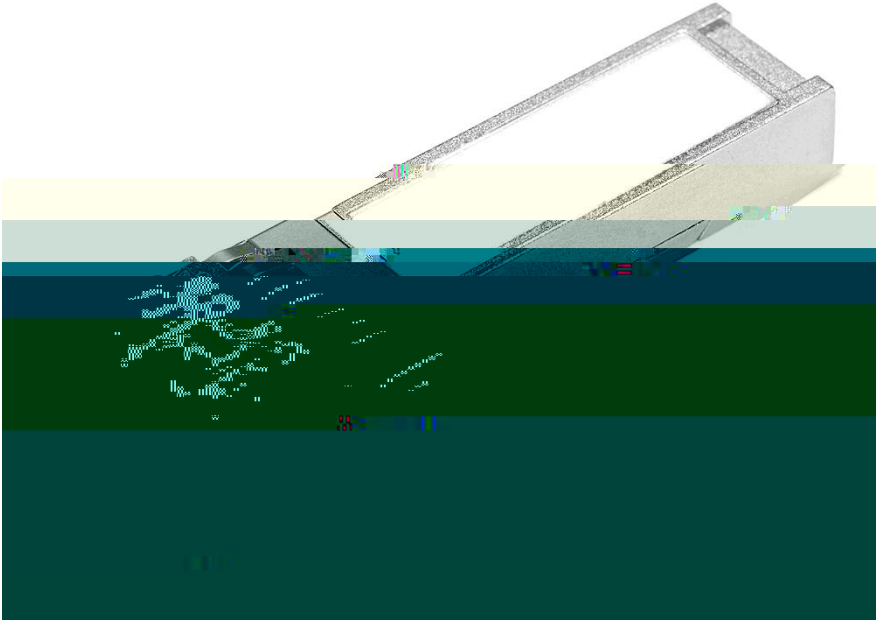


10.3125Gb/s SFP+ 850nm

RTXM228-551



RTXM228-551	10Gigabit	850nm VCSEL	8.5	10.51875Gb/s
OM3		300	FC-PI-4, 10G FC, IEEE 802.3ae, SFF-8432,	
SFF-8431	.	I2C	SFF-8472.	

SFP+

RoHS

50µm OM3 MMF 300

850nm VCSEL

LC

20

1.0

0Ñ ~ 70Ñ

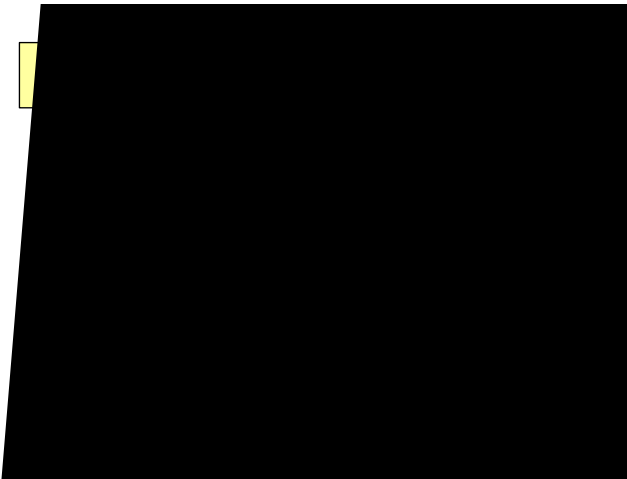
+3.3V±5%

SFF-8472

8.5/10.5 Gb/s Fiber

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

					(OMA)		(OM3)			
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

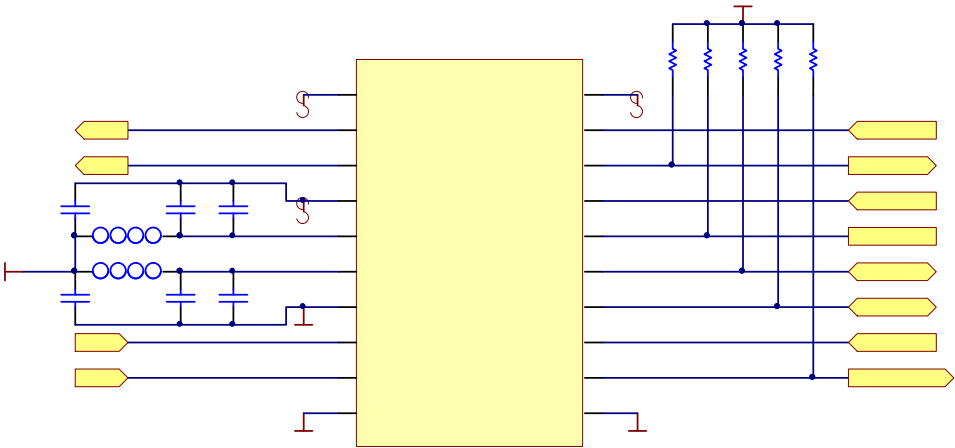
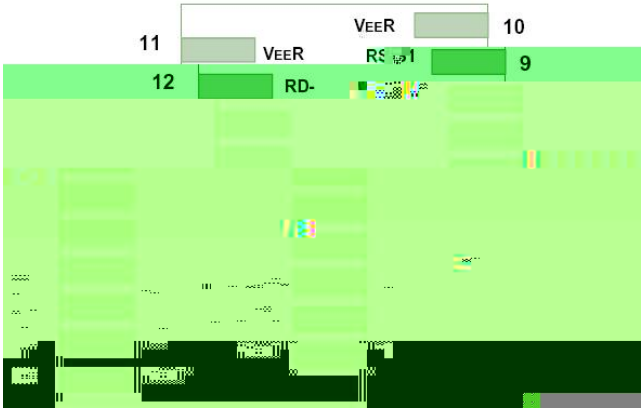


	Tc	°C	0		70
	Vcc	V	3.14	3.3	3.46
	BR	Gb/s	8.5		10.3125
50um MMF (OM3)(2000MHz.km)	L	m			300
	V _{CC}	V	3.14	3.3	3.46
	I _{CC}	mA		180	285
	P _C	W			1.0
Transmitter					
	R _{IN}	Ω	80	100	120
	V _{IN}	mVp-p	180		700
Transmit Disable	V _{DIS}	V	2		V _{CCHOST}
Transmit Enable	V _{EN}	V	V _{EE}		V _{EE} +0.8
Transmit Fault	V _{FA}	V	2.2		V _{CCHOST}
Transmit Fault	V _{FDA}	V	V _{EE}		V _{EE} +0.4
Receiver					
	V _{OD}	mVp-p	300		850
Output	t _{RISE}	ps	28		
Output	t _{FALL}	ps	28		
LOS Fault	V _{LOSFT}	V	2		V _{CCHOST}
LOS Normal	V _{LOSNR}	V	V _{EE}		V _{EE} +0.8

NOTE 1: Differen ̈

Receiver				
	λ_C	nm	840	860
	P_{AVG}	dBm	-9.9	-1.0
(OMA)	R_{SENSE1}	dBm		-11.1
(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



Feature	Test Method	Performance
Electrostatic Discharge (ESD) to the Electrical Pins	MIL-STD-883C Method 3015.7	Class 1 (> 1500 Volts)
Electrostatic Discharge (ESD) to the Duplex LC Receptacle	Variation of IEC 61000-4-2	Typically, no damage occurs with 15 kV when the duplex LC connector receptacle is contacted by a Human Body Model probe.
Electromagnetic Interference (EMI)	CISPR22 ITE Class B EN55022 Class B FCC Class B	Compliant with standards
Immunity	IEC61000-4-3 Class 2 EN55024	Typically show no measurable effect from a 3V/m field swept from 80 to 1000MHz applied to the transceiver without a chassis enclosure.
RoHS Compliance		Less than 1000 ppm of cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyls, and polybrominated biphenyl ethers.

