155Mbps SFP transceiver modules with DDM function

RTXM139/140 DDM Series II

RTXM139 DDM Series II

Features

- Duplex LC receptacle optical interface
- Single +3.3V power supply
- Hot-pluggable
- AC coupling of PECL signals
- Serial ID module on MOD(0-2)
- DDM Function implemented
- External Calibration
- International Class 1 laser safety certified
- Transmitter disable input
- Receiver Loss of Signal Output
- Operating temperature range:
  -10ºC ~+70ºC/ -40ºC ~+85ºC/
- Compliant with RoHS&WEEE

Applications

- SDH/ STM-1, SONET/OC-3
- Metropolitan area network
- Fast Ethernet
- Other optic link

Standards

- Compliant with SFP MSA (INF-8074i)
- Compliant with ITU-T G.957 STM-1
- Compliant with SFF-8472 v9.3
- Compliant with RoHS&WEEE

Absolute Maximum Ratings

Parameter	Symbol	Unit	Min	Max
Storage Temperature Range	T_s	ºC	-40	+85
Relative Humidity(without dew)	RH	%	8	80
Supply Voltage	V_{cc}	V	-0.5	4

Recommended Operating Conditions

Ordering Information

Part. No	Specifications									Application
	Pack	Rate	Tx	Pout	Rx	S	Top	Reach	others	
RTXM139-402	SFP	155M	1310nm FP	-23.5 ~-14dBm	PIN	< -28dBm	-10~70℃	2km	DDM; RoHS	
RTXM139-412	SFP	155M	1310nm FP	-23.5 ~-14dBm	PIN	< -28dBm	-40~85℃	2km	DDM; RoHS	
RTXM139-400	SFP	155M	1310nm FP	-15 ~ -8dBm	PIN	< -31dBm	-10~70℃	15km	DDM; RoHS	
RTXM139-001	SFP	155M	1310nm FP	-15 ~ -8dBm	PIN	< -31dBm	-40~85℃	15km	DDM; RoHS	
RTXM140-400	SFP	155M	1310nm FP	-5 ~0dBm	PIN	< -32dBm	-10~70℃	40km	DDM; RoHS	
RTXM140-001	SFP	155M	1310nm FP	-5 ~0dBm	PIN	< -32dBm	-40~85℃	40km	DDM; RoHS	
RTXM140-500	SFP	155M	1550nm DFB	-5 ~0dBm	PIN	< -34dBm	-10~70℃	80km	DDM; RoHS	
RTXM140-301	SFP	155M	1550nm DFB	-5 ~0dBm	PIN	< -34dBm	-40~85℃	80km	DDM; RoHS	
RTXM140-651	SFP	155M	1550nm DFB	-5 ~0dBm	PIN	< -34dBm	-40~85℃	120km	DDM; RoHS	

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Edition 2006-10-31
Published by Wuhan Telecommunication Devices Co.,Ltd.

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