



RTXM191-452 1.25Gb/s SFP

PIN  
EEPROM

1310nm DFB  
1.25Gb/s  
LC  
3.3V  
DDM  
-40~85 °C  
40km  
RoHS

1G

SFP MSA (INF-8074i)  
SFF-8472  
IEEE802.3z  
FC-PI v2.0

| 1                   | Icc         | mA    | -    | - | 300   |
|---------------------|-------------|-------|------|---|-------|
|                     |             | mV    | 150  |   | 1100  |
|                     |             | mV    | 300  | - | 600   |
| TX_fault /LOS (TTL) | VOH         | V     | 2.0  | - | Vcc   |
|                     | VOL         | V     | 0    | - | 0.8   |
| TX_disable (TTL)    | VOH         | V     | 2.0  | - | Vcc   |
|                     | VOL         | V     | 0    | - | 0.8   |
|                     |             |       |      |   |       |
|                     | Po          | dBm   | -5   |   | 0     |
|                     | λc          | nm    | 1280 |   | 1340  |
|                     | EX          | dB    | 9    |   |       |
|                     | SMSR        | dB    | 30   |   |       |
| (-20dB)             | Δλ          | nm    |      |   | 1     |
| 2                   | TJ          | UI    |      |   | 0.284 |
| 3                   | RIN         | dB/Hz |      |   | -120  |
| GE                  |             |       |      |   |       |
| /                   | Trise/Tfall | ps    |      |   | 260   |
|                     | -           | dB    |      |   | 1     |
|                     | Poff        | dBm   |      |   | -45   |
|                     |             |       |      |   |       |
|                     | λc          | nm    | 1250 |   | 1620  |
| 4                   | S           | dBm   |      |   | -23   |
|                     | Pin         | dBm   | -3   |   |       |

|                                                                      |  |  |     |     |  |     |
|----------------------------------------------------------------------|--|--|-----|-----|--|-----|
|                                                                      |  |  | dBm |     |  | -23 |
|                                                                      |  |  |     | -35 |  |     |
|                                                                      |  |  | dB  | 0.5 |  | 5   |
| Note1.                                                               |  |  |     |     |  |     |
| Note2. 1.25Gbps 7 .                                                  |  |  |     |     |  |     |
| Note3. RIN 12dB                                                      |  |  |     |     |  |     |
| Note4. PRBS 2 <sup>7</sup> -1 1.25Gb/s EX=10dB BER<10 <sup>-12</sup> |  |  |     |     |  |     |