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## Overview

Optical Transceiver, CX600, CX6M0X1080, Optical Transceiver(SFP+,1550nm,9.953~10.3125Gb/s,0~4dBm,-24dBm,LC,SM,80km)

## Quick Specification

Table 1 shows the Quick Specs.

| Basic Information                    |  |
|--------------------------------------|--|
| Part Number                          | 02310PVT   |
| Model                                | OSX080N03  |
| Description                          | Optical Transceiver, CX600, CX6M0X1080, Optical Transceiver (SFP+,1550nm,9.953~10.3125Gb/s,0~4dBm,-24dBm, LC, SM,80km) |
| Level-1 category                     | 10Gbps SFP+ Optical Module   |
| Module name                          | 10Gbps-SFP+-SMF-1550nm-80km-commercial   |
| Technical Specifications             |  |
| Connector type                       | LC   |
| Optical fiber type                   | SMF  |
| Form factor                          | SFP+   |
| Transmission rate [bit/s]            | 9.953 Gbit/s   |
|                                      | 10.3125 Gbit/s   |
| Target transmission distance [km]    | 80 km  |
| Application standard                 | IEEE 802.3ae, 10GBASE-ZR/ZW  |
| Working case temperature [°C(°F)]    | 0°C to 70°C (32°F to 158°F)  |
| Center wavelength [nm]               | 1550 nm  |
| Overload power (OMA) [dBm]           | -  |
| Overload power (AVG) [dBm]           | -7 dBm   |
| Minimum Tx optical power (OMA) [dBm] | -  |
| Minimum Tx optical power (AVG) [dBm] | 0 dBm  |
| Maximum Tx optical power (OMA) [dBm] | -  |
| Maximum Tx optical power (AVG) [dBm] | 4 dBm  |
| Minimum extinction ratio [dB]        | 9 dB   |
| Tx operating wavelength range [nm]   | 1530 nm - 1565 nm  |
| Rx operating wavelength range [nm]   | 1260 nm - 1565 nm  |
| Rx sensitivity (AVG) [dBm]           | -24 dBm  |
| Rx sensitivity (OMA) [dBm]           | -  |
| DDM options                          | SFF-8472   |

# OSX080N03 (02310PVT) Datasheet



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|                       |                                  |
|-----------------------|----------------------------------|
| Bit error ratio (BER) | <1x10E-12                        |
| Environment standard  | RoHS                             |
| Security standard     | FCC Class B, IEC 60825-1 Class 1 |
| ESD(HBM1)             | 500                              |

Figure 1 shows the appearance.



## Get more information:

Do you have any question about the OSX080N03 (02310PVT)?

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