

## DATASHEET

## S30-2MLC

SFP-Port Gigabit Mini GBIC Transceiver Module

## MAIN FEATURES

- SFP-Port Gigabit Mini GBIC Transceiver Module
- 850 nm
- 220 m / 550 m
- MM

## TECHNICAL SPECIFICATIONS

## Power supply

|                      |                                        |
|----------------------|----------------------------------------|
| Operating voltage    | 3.3 VDC                                |
| Optical Output Power | Min. : -9.5dBm, Type : -, Max. : -4dBm |
| Power Budget         | 7.5                                    |

## Physical characteristics

|                     |                                                                  |
|---------------------|------------------------------------------------------------------|
| Physical dimensions | 59 x 15 x 12.4 mm (W x D x H) 2.20 x 0.59 x 0.49 in. (W x D x H) |
| Net weight          | 18 g 0.6 oz                                                      |

## Environmental characteristics

|                       |                        |
|-----------------------|------------------------|
| Operating temperature | 0 to +50°C             |
| Storage temperature   | -40 to 85°C            |
| Relative humidity     | 5 to 95% noncondensing |

## Other characteristics

|                  |            |
|------------------|------------|
| Category         | SFP        |
| Port type        | Multi Mode |
| No. of fibers    | 2          |
| Port speed       | Gigabit    |
| Wavelength       | 850 nm     |
| Maximum distance | 550 m      |
| Connector        | LC         |
| Max. distance    | 220 / 550m |

## S30-2MLC

### TECHNICAL SPECIFICATIONS

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|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| TX / RX wavelenght | 850nm / 850nm                                                                             |
| Data rate          | 1.25Gbps                                                                                  |
| PHY type           | 1000Base-SX                                                                               |
| Reliability (MBTF) | >50, 000 hrs @ 25° C                                                                      |
| AS/NZS CISPR 22    | 2006                                                                                      |
| EMI                | EN 55022 CLASS A:2006+A1 : 2007 / EN61000-3-2:2006 /<br>EN61000-3-3: 1995+A1:2001+A2:2005 |
| Receiver           | -17dBm                                                                                    |