

DIGITAL DATA SERIES

PRODUCT SPECIFICATION

EL – 31202 TX / RX LINK

SPECIFICATIONS

DATA

Data Interface: RS-232,RS-422, RS-485
with Tri-State

Data Format: NRZ,RZI,Manchester, Bi-phase

Data Rate: DC – 300Kbps(NRZ)

Bit Error Rate: < 1 in 10 E-9

Operating Mode: Simplex or Full-Duplex

WAVELENGTH 1310/1550nm

OPTICAL EMITTER Laser Diode

NUMBER OF FIBER 1 or 2Core

LED INDICATORS

- . Data Transceiver
- .Received Data
- .Transmitted Data
- .Operating Power

CONNECTORS

Data: Terminal Block with Screw Clamps,
Type DB-9 Connector (RJ-45)

Optical: ST or SC Connector

ELECTRICAL & MECHANICAL

Power: 12 VDC @ 200mA

Surface Mount: From Rack

Number of Rack Slots: 12

Current Protection: Automatic Resettable Solid-State
Current limiters

Size(WxHxD)

Module Type 87 x 32 x 113mm

3u Card Type 25 x 129 x 168mm

1u Rack Mount 483 x 44 x 300mm

3u Rack Mount: 483 x 132 x 275mm

ENVIRONMENTAL

MTBF: > 100,000 hours

Operating Temp: -40°C to +74°C

Storage Temp: -40°C to +85°C

Relative Humidity: 0% to 95% (non-condensing)

SYSTEM DESIGN

