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LOC

DIST

REVISIONS

EA

51

P

LTR

DESCRIPTION

DATE

DWN

APVD

M

ECR 07-020023

09JAN08

LGE

RP

NOTES:

- CONNECTOR KEYING CONFORMS TO ANSI X3T9.5/84-48.
- LED IS "ON" WHEN IN INSERTED STATE.

SPECIFICATIONS:

SWITCH LEGEND

PI = PRIMARY IN PTx = PRIMARY TRANSMIT
SO = SECONDARY OUT STx = SECONDARY TRANSMIT
PO = PRIMARY OUT PRx = PRIMARY RECEIVE
SI = SECONDARY IN SRx = SECONDARY RECEIVE

PART NO.	FIBER TYPE
209166	62.5/125/250

INSERTION LOSS

INSERTION LOSS DATA INCLUDES TWO CONNECTED PAIRS
TESTED PER FOTP-34 METHOD A2

OPERATE MODE, POWER ON

PI LINE TO PRX STATION 2.3 DB MAX
SI LINE TO SRX STATION 2.3 DB MAX
PTX STATION TO PO LINE 2.3 DB MAX
STX STATION TO SO LINE 2.3 DB MAX

BYPASS MODE, POWER OFF

PI LINE TO PO LINE 2.8 DB MAX
SI LINE TO SO LINE 2.8 DB MAX
PTX STATION TO PRX STATION 5.0 DB MAX
STX STATION TO SRX STATION 5.0 DB MAX

OPTICAL CROSSTALK ≤ -45 DB, PER FOTP-42

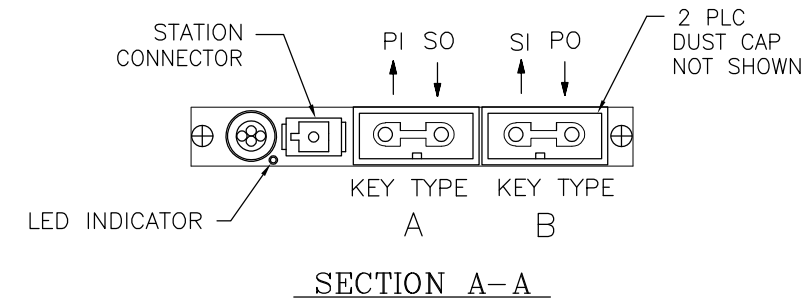
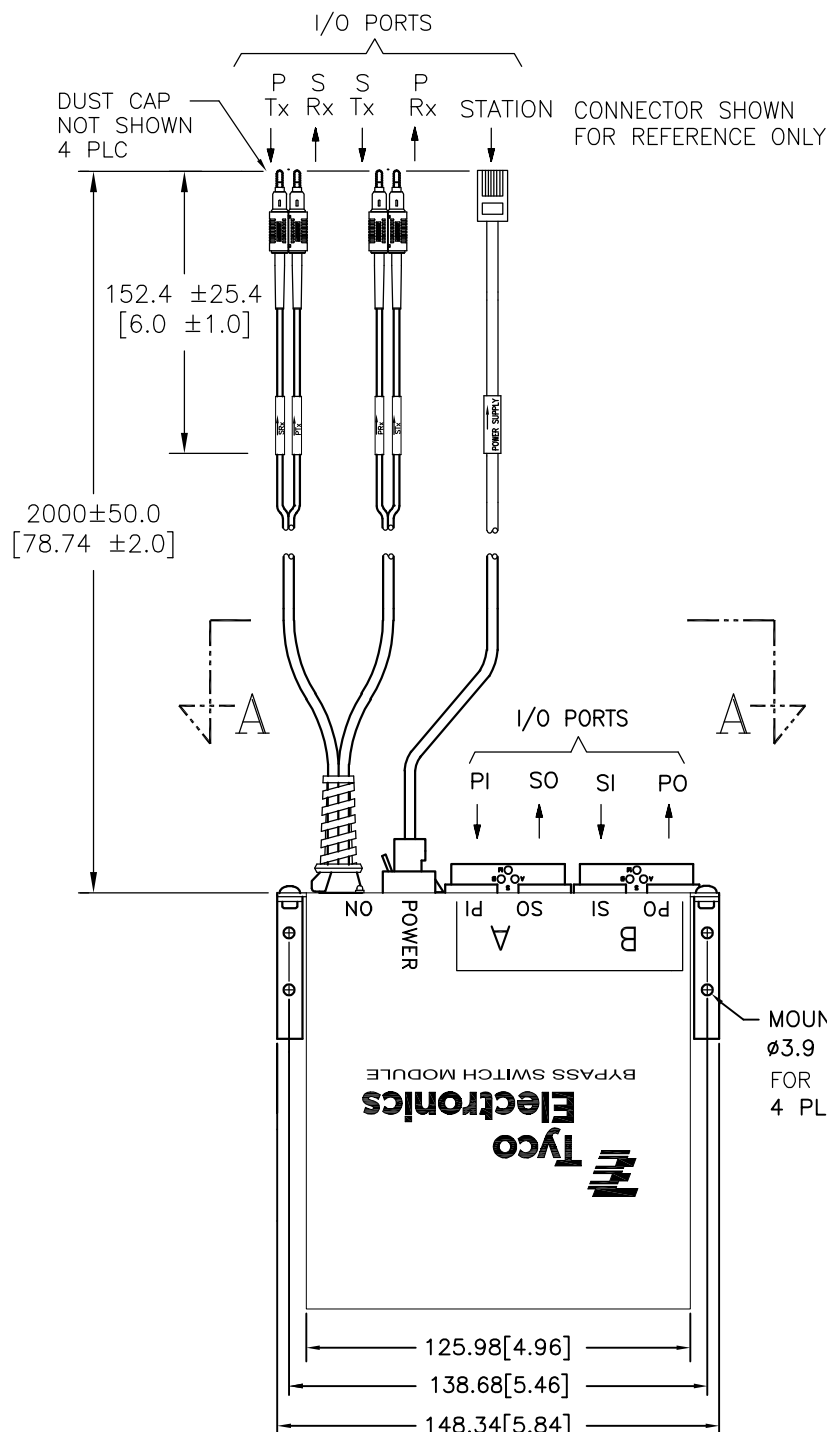
OPERATING WAVE LENGTH 750 TO 1450nm

TESTED WAVELENGTH 1300nm

POWER REQUIREMENTS 4.0 TO 5.5 VDC

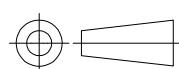
190 MA MAX AT 5.0 VDC W/ LED

SWITCHING SPEED 10 MILLISECONDS MAX



	KIT P/N	MODULE P/N	POWER CORD P/N	STATION CONNECTOR TYPE
OBSOLETE	209166-1	209662-4	209501-2	6 POS. MTE RECEPTACLE
OBSOLETE	209166-2	209662-4	209502-2	6 POS. SHIELDED DIN PLUG
OBSOLETE	209166-3	209662-4	209503-2	6 POS. SHIELDED MOD PLUG
OBSOLETE	209166-4	209662-4	209504-2	6 POS. SHIELDED MINI DIN
OBSOLETE	209166-5	209662-4	209505-2	9 POS. SUB-D
OBSOLETE	209166-6	209662-4	209506-2	4 POS. MOD PLUG
OBSOLETE	209166-7	209662-4	209507-2	25 POS. SHIELDED HDE PLUG
OBSOLETE	209166-8	209662-4	209659-2	6 MOD IV REC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM [inches]

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC $\pm -$
1 PLC ± 1.27 [.05]
2 PLC ± 0.13 [.005]
3 PLC $\pm -$
4 PLC $\pm -$
ANGLES $\pm 2^\circ$

FINISH

DWN R. MONTANEZ 03/16/99

CHK E. ANDERSON 03/16/99

APVD H. BAUM 03/16/99

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

Tyco Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME

BYPASS SWITCH MODULE
FSD MIC ADAPTOR/DUPLEX SC PIGTAIL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3 00779

C-209166

CUSTOMER DRAWING

SCALE NONE

SHEET 1 OF 1

REV M