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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

R

ECR 07-020023

31JAN08

LGE

RP

NOTE :

1. 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	"A" LENGTH	PIGTAIL STRAIN RELIEF/CONNECTOR
209174	62.5/125/250	1000mm	STRAIGHT ST
3-209174	62.5/125/250	3000mm	STRAIGHT ST
8-209174	62.5/125/250	1000mm	90° ST

OBSOLETE
OBSOLETE

INSERTION LOSS

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

OPERATE MODE, POWER ON

PI LINE TO PRX STATION 1.8 DB MAX
SI LINE TO SRX STATION 1.8 DB MAX
PTX STATION TO PO LINE 1.8 DB MAX
STX STATION TO SO LINE 1.8 DB MAX

BYPASS MODE, POWER OFF

PI LINE TO PO LINE 1.8 DB MAX
SI LINE TO SO LINE 1.8 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

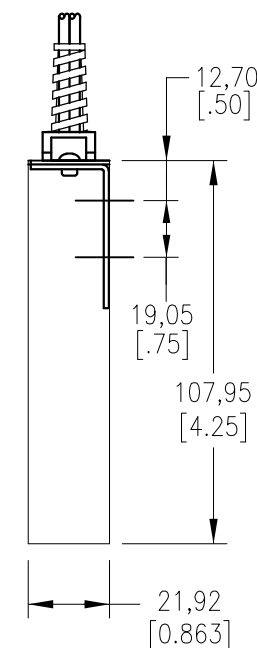
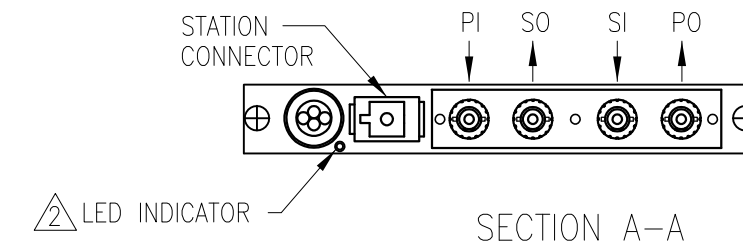
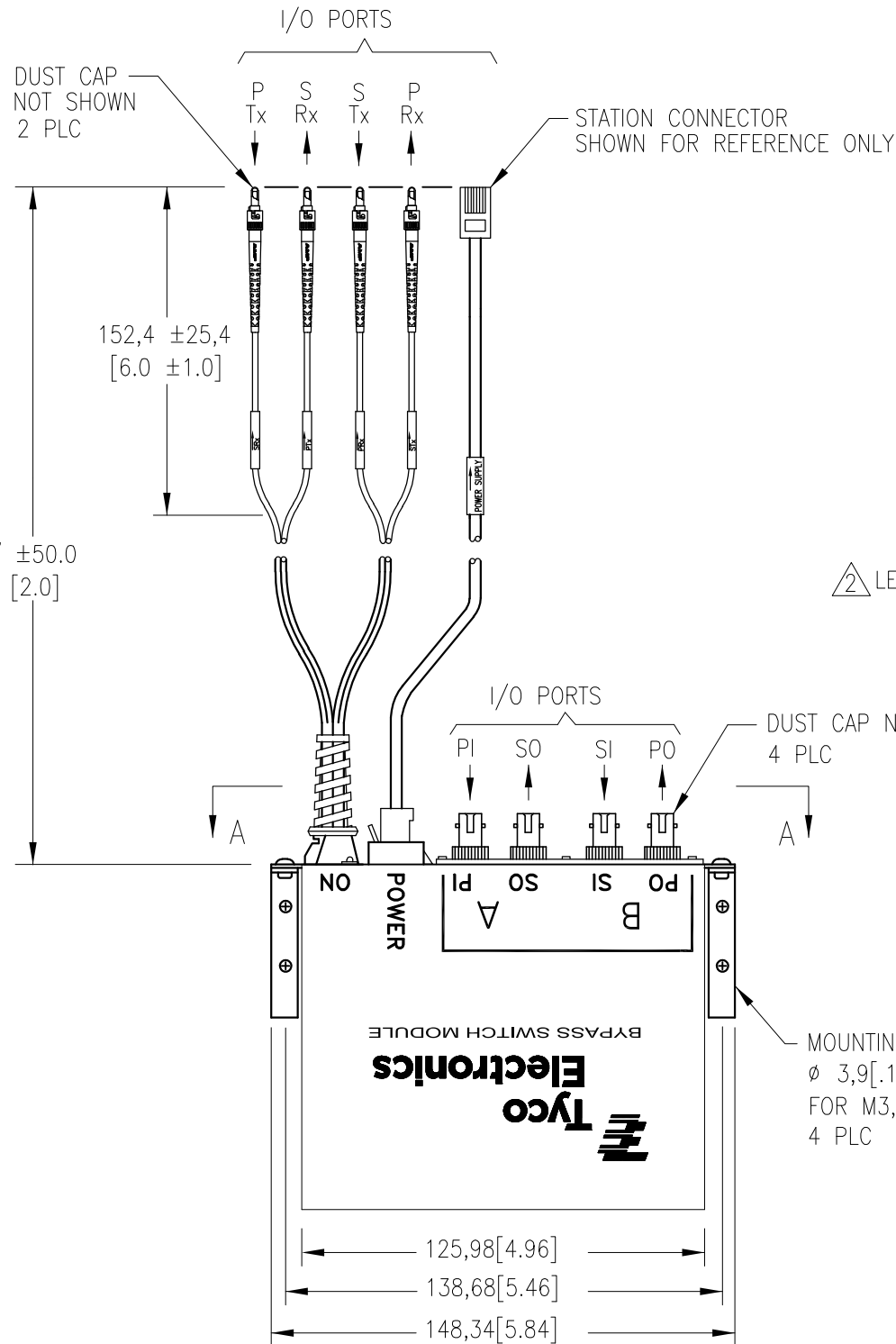
OPERATING WAVE LENGTH 750 TO 1450nm

TESTED WAVELENGTH 1300nm

POWER REQUIREMENTS 4.0 TO 5.5 VDC

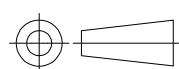
190 MA MAX AT 5.0 VDC W/ LED

SWITCHING SPEED 10 MILLISECONDS MAX



	KIT P/N	MODULE P/N	POWER CORD P/N	STATION CONNECTOR TYPE
OBSOLETE	209174-1	209664-3	209501-1	6 POS. MTE RECEPTACLE
OBSOLETE	209174-2	209664-3	209502-1	6 POS. SHIELDED DIN PLUG
OBSOLETE	209174-3	209664-3	209503-1	6 POS. SHIELDED MOD PLUG
	209174-4	209664-3	209504-1	6 POS. SHIELDED MINI DIN
OBSOLETE	209174-5	209664-3	209505-1	9 POS. SUB-D
OBSOLETE	209174-6	209664-3	209506-1	4 POS. MOD PLUG
OBSOLETE	209174-7	209664-3	209507-1	25 POS. SHIELDED HDE PLUG
OBSOLETE	3-209174-4	209664-6	209504-6	6 POS. SHIELDED MINI DIN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM [inches]

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0,3
2 PLC ± ,13
3 PLC ± -
4 PLC ± -
ANGLES ± 2°

FINISH

DWN R. MONTANEZ 19MAR99

CHK E. ANDERSON 19MAR99

APVD H. BAUM 19MAR99

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

 Tyco ElectronicsTyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME

-

BYPASS SWITCH KIT,
ST, ADAPTOR/ST PIGTAILS

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-

209174

SCALE

NONE

SHEET

1 OF 1

REV

R