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LOC	DIST
EA	51

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	ECR 07–020023	10JAN08	LGE	RP

NOTE:

1. CONNECTOR KEYING CONFORMS TO ANSI X3T9.5/84–48.

2 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
209177	62.5/125/250

INSERTION LOSS

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

OPERATE MODE, POWER ON

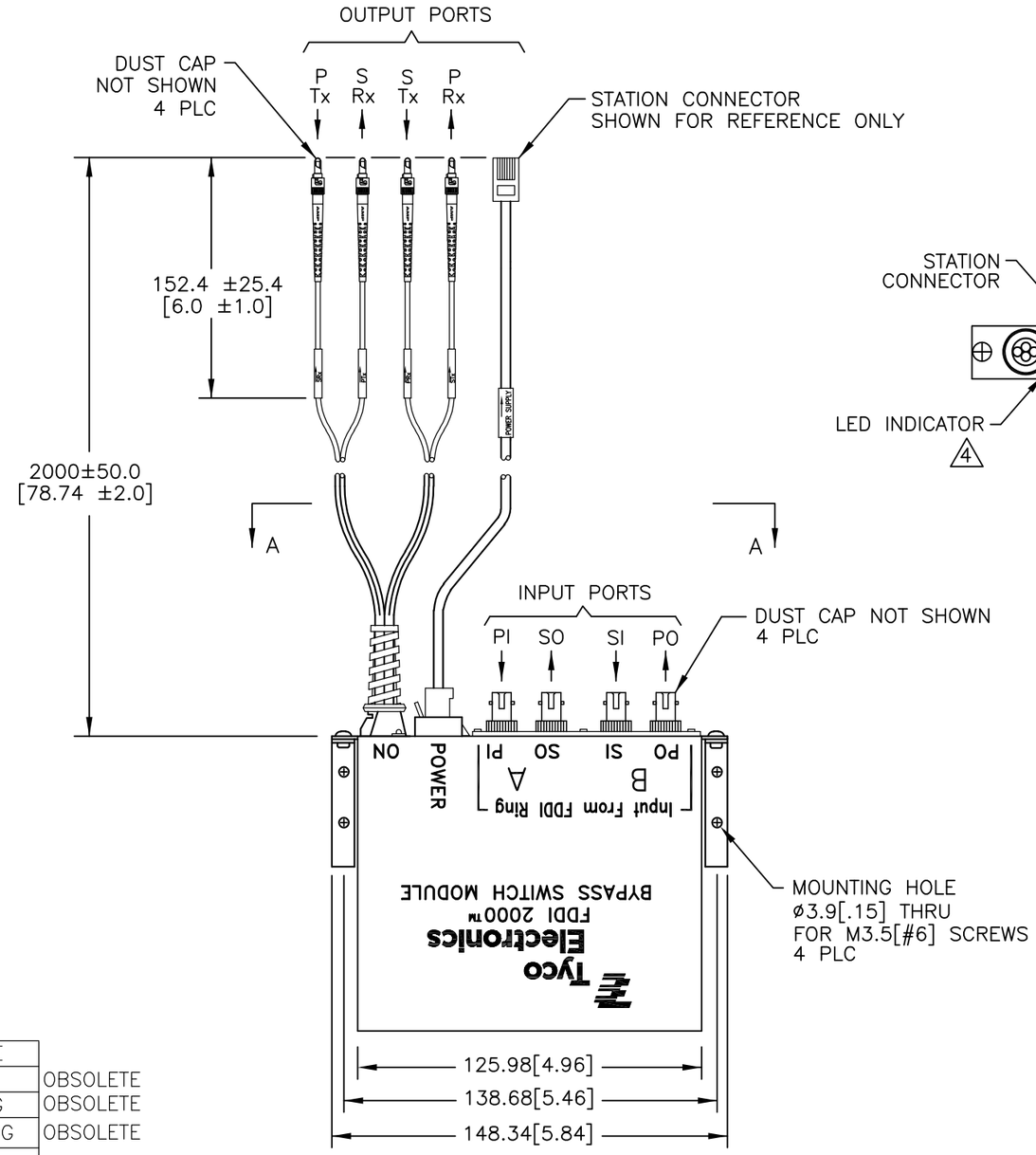
PI LINE	TO PRX STATION	1.8 DB MAX
SI LINE	TO SRX STATION	1.8 DB MAX
PTX STATION	TO PO LINE	1.8 DB MAX
STX STATION	TO SO LINE	1.8 DB MAX

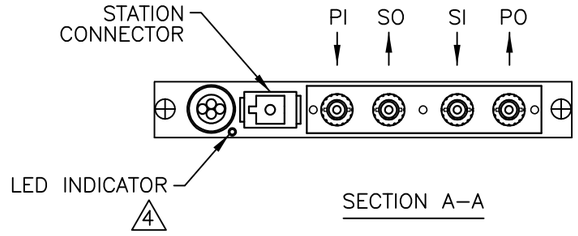
BYPASS MODE, POWER OFF

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

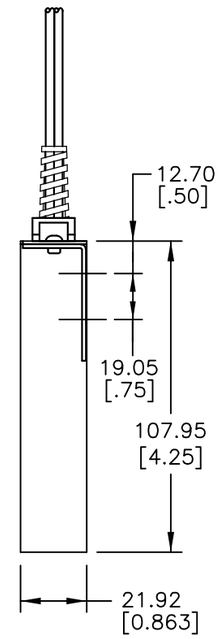
OPTICAL CROSSTALK	</= –45 DB, PER FOTP–42
OPERATING WAVE LENGTH	750 TO 1450nm
TESTED WAVELENGTH	1300nm
POWER REQUIREMENTS	4.0 TO 5.5 VDC
	190 MA MAX AT 5.0 VDC W/ LED
SWITCHING SPEED	10 MILLISECONDS MAX

KIT P/N	MODULE P/N	POWER CORD P/N	STATION CONNECTOR TYPE	
209177–1	209664–4	209501–2	6 POS. MTE RECEPTACLE	OBSOLETE
209177–2	209664–4	209502–2	6 POS. SHIELDED DIN PLUG	OBSOLETE
209177–3	209664–4	209503–2	6 POS. SHIELDED MOD PLUG	OBSOLETE
209177–4	209664–4	209504–2	6 POS. SHIELDED MINI DIN	
209177–5	209664–4	209505–2	9 POS. SUB–D	OBSOLETE
209177–6	209664–4	209506–2	4 POS. MOD PLUG	OBSOLETE
209177–7	209664–4	209507–2	25 POS. SHIELDED HDE PLUG	OBSOLETE





SECTION A–A



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM [inches]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± 1,27
2 PLC	± ,13
3 PLC	± –
4 PLC	± –
ANGLES	± 2°

MATERIAL: –

FINISH: –

DWN	R. MONTANEZ	19MAR99
CHK	E. ANDERSON	19MAR99
APVD	H. BAUM	19MAR99
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

Tyco Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME
–
BYPASS SWITCH KIT
ST, ADAPTOR/ST PIGTAILS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C– 209177	–

CUSTOMER DRAWING

SCALE	SHEET	REV
NONE	1 OF 1	J