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LOC	DIST	REVISIONS			
P	LR	DESCRIPTION	DATE	DRN	APVD
EA	51	G	REVISED PER EC 0A00-0434-03	26NOV03	SM PD

NOTE:
 1. CONNECTOR KEYING CONFORMS TO ANSI X379.5/84-48.
 ▲ 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
209163	62.5/125/250

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

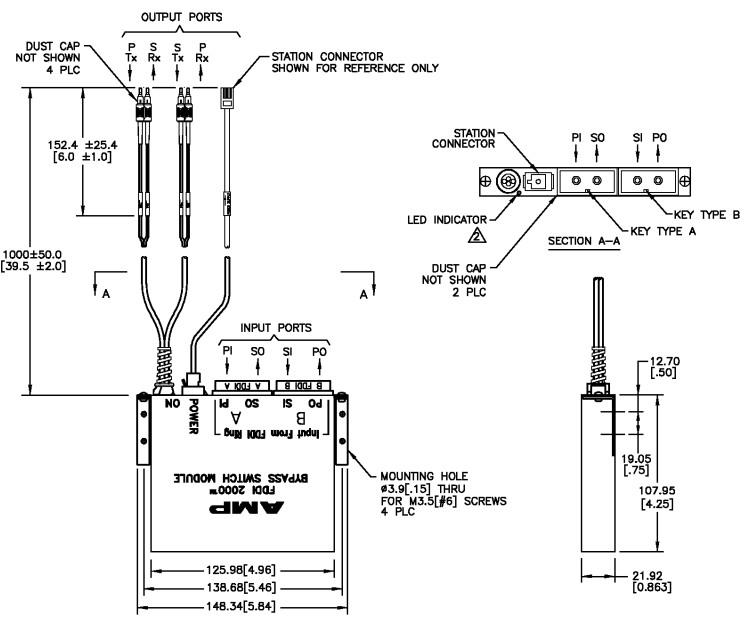
OPERATE MODE, POWER ON

PI LINE TO PRX STATION	2.2 DB MAX
SI LINE TO SRX STATION	2.2 DB MAX
PTX STATION TO PO LINE	2.2 DB MAX
STX STATION TO SO LINE	2.2 DB MAX

BYPASS MODE, POWER OFF

PI LINE TO PO LINE	2.2 DB MAX
SI LINE TO SO LINE	2.2 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
SWITCHING SPEED 190 MA MAX AT 5.0 VDC W/ LED
 10 MILLISECONDS MAX



OBsolete	OBsolete	OBsolete	OBsolete	OBsolete
KIT P/N	MODULE P/N	POWER CORD P/N	STATION CONNECTOR TYPE	
209163-1	209662-3	209501-1	6 POS. MTE RECEPTACLE	
209163-2	209662-3	209502-1	6 POS. SHIELDED DIN PLUG	
209163-3	209662-3	209503-1	6 POS. SHIELDED MOD PLUG	
209163-4	209662-3	209504-1	6 POS. SHIELDED MINI DIN	
209163-5	209662-3	209505-1	9 POS. SUB-D	
209163-6	209662-3	209506-1	4 POS. MOD PLUG	
209163-7	209662-3	209507-1	25 POS. SHIELDED HDE PLUG	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN R. MONTANEZ 03/16/99	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: MM [inches]		CHK E. ANDERSON 03/16/99	APVD H. BALUM 03/16/99	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	BYPASS SWITCH KIT	
0 PLC ±	1 PLC ± 1.27	PRODUCT SPEC	FSD MIC ADAPTOR/DUPLEX SC PIGTAIL	
2 PLC ± .13	3 PLC ±	APPLICATION SPEC	SIZE	CAGE CODE
4 PLC ±	ANGLES ± 2'	WEIGHT	A3	00779
MATERIAL	FINISH	CUSTOMER DRAWING	DRAWING NO	RESTRICTED TO
			C=209163	
			SCALE NONE	SHEET 1 OF 1 REV G