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LOC

DIST

REVISIONS

EA

51

P

LTR

DESCRIPTION

DATE

DWN

APVD

A

SEE SHEET 2

05JUN06

LGE

RP

NOTES:

- CONNECTOR KEYING CONFORMS TO ANSI X3T9.5/84-48.
- LED IS "ON" WHEN IN INSERTED STATE.
- THIS PRODUCT HAS NOT COMPLETED VALIDATION TESTING.

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

FIBER TYPE

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

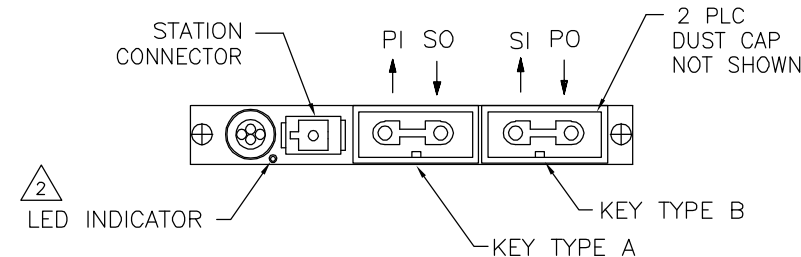
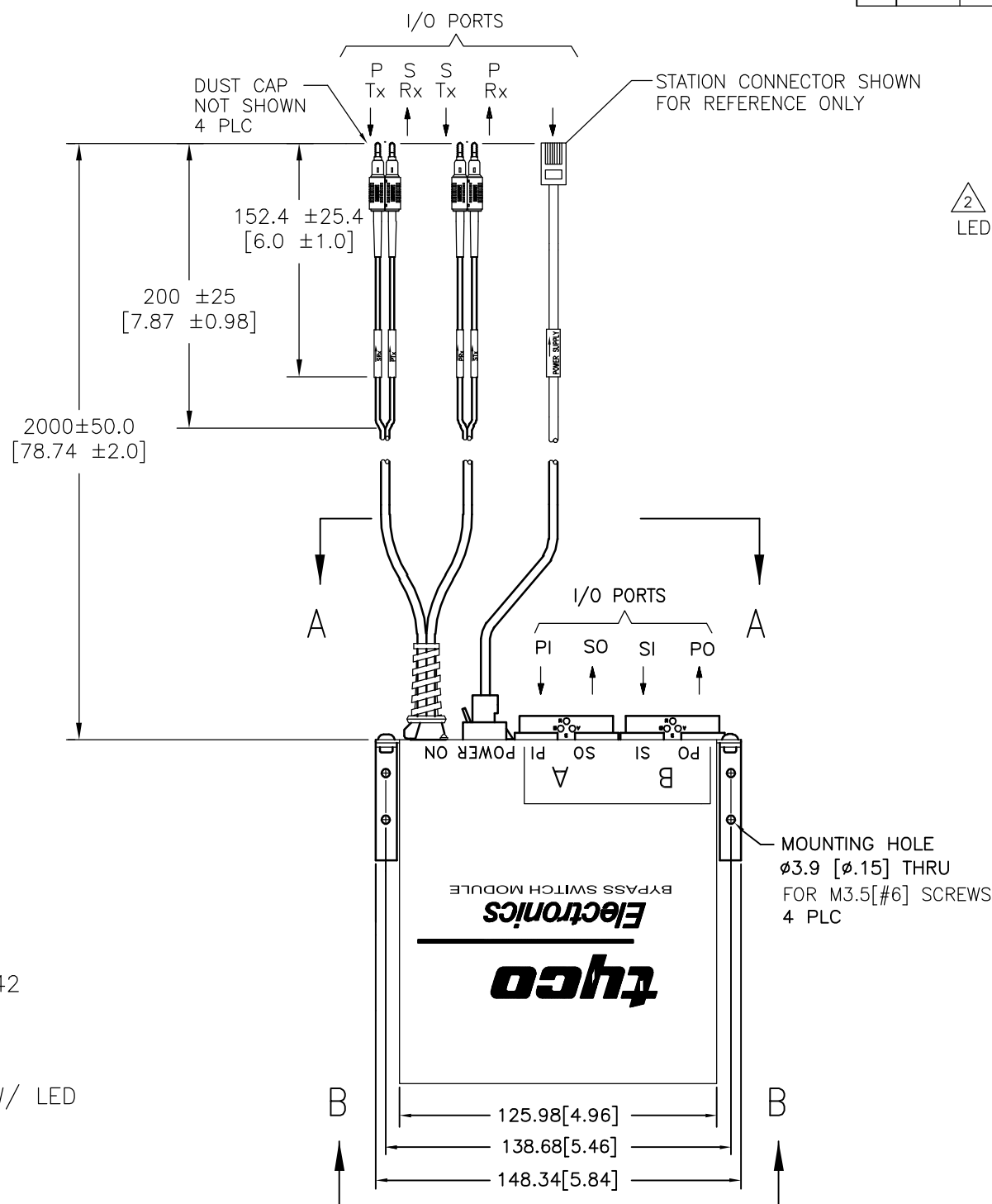
OPERATING WAVE LENGTH 750 TO 1450nm

TESTED WAVELENGTH 1300nm

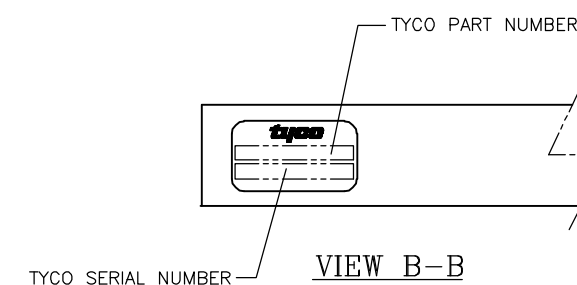
POWER REQUIREMENTS 4.0 TO 5.5 VDC

190 MA MAX AT 5.0 VDC W/ LED

SWITCHING SPEED 10 MILLISECONDS MAX

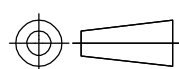


SECTION A-A



KIT P/N	MODULE P/N	POWER CORD P/N	STATION CONNECTOR TYPE
5209166-3	5209662-4	5209503-2	6 POS. SHIELDED MOD PLUG
5209166-4	5209662-4	5209504-2	6 POS. SHIELDED MINI DIN
5209166-6	5209662-4	5209506-2	4 POS. MOD PLUG
5209166-8	5209662-4	5209659-2	6 MOD IV REC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.5 [.02]
2 PLC ± 0.38 [.015]
3 PLC ± -
4 PLC ± -
ANGLES ± 2°

FINISH

DWN

11JAN06

S. MONGOLD

CHK

11JAN06

R. PAUL

APVD

11JAN06

F. ABENDSCHEIN

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

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-5209166

SCALE 1:1

SHEET 1 OF 2

REV A

4

3

2

1

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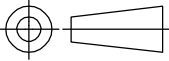
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LOC	DIST	REVISIONS				
EA	51	P	LTR	DESCRIPTION	DATE	APVD
			—	SEE REVISION CHART	—	—

DATE	REVISION	CHANGES	REASON	APPROVAL
11JAN06	1	PRINT CREATED	—	RP
01MAR06	2	UPDATED PER BYPASS SWITCH KIT EXAMPLE PRINT	—	RP
05JUN06	A	CHANGE STATUS TO ACTIVE	—	RP

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. MONGOLD	11JAN06	tyco Electronics			Tyco Electronics Corporation				
DIMENSIONS: mm [INCHES]		CHK R. PAUL	11JAN06	Harrisburg, PA 17105-3608							
		APVD F. ABENDSCHEIN	11JAN06	NAME							
		PRODUCT SPEC		BYPASS SWITCH MODULE FSD MIC ADAPTOR/DUPLEX SC PIGTAIL							
		APPLICATION SPEC									
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO			
—		—		—	A3	00779	C-5209166		—		
CUSTOMER DRAWING					SCALE	1:1		SHEET	2 OF 2	REV	A