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LOC CE DIST 00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
B		ECR-11-018563	29SEP2011	BB	SM

NOTE :

- 1. CONNECTOR KEYING CONFORMS TO ANSI X3T9.5/84-48.
- 2. LED IS 'ON' WHEN IN INSERTED STATE.
- 3. THIS PRODUCT HAS NOT COMPLETED VALIDATION TESTING.
- 4. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

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
5209174-3	62.5/125/250	1000mm	STRAIGHT ST
5209174-4	62.5/125/250	1000mm	STRAIGHT ST
5209174-6	62.5/125/250	1000mm	STRAIGHT ST
<del>3-5209174-4</del>	62.5/125/250	3000mm	STRAIGHT ST

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

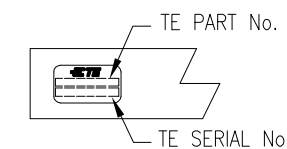
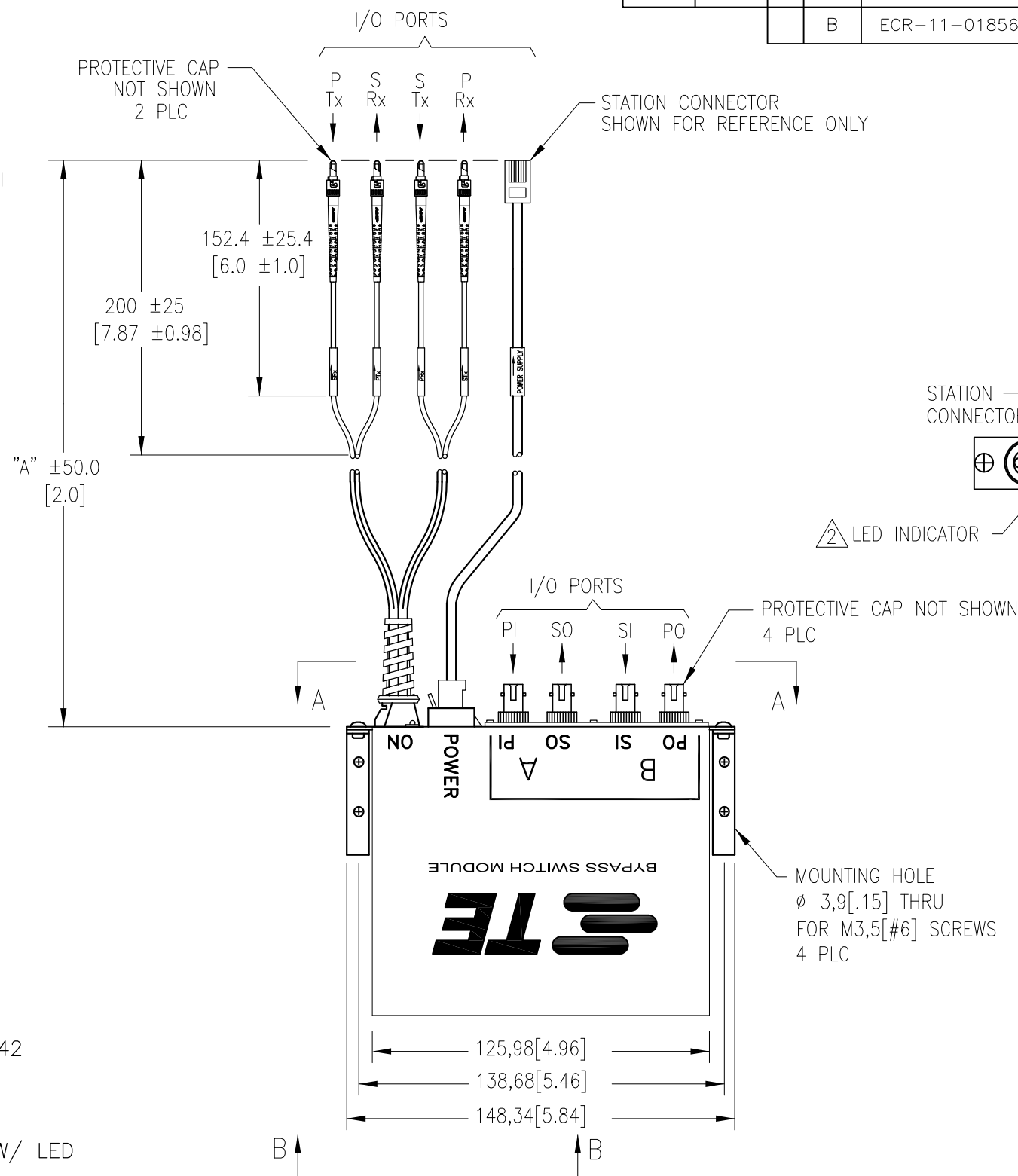
TESTED WAVELENGTH 1300nm

POWER REQUIREMENTS 4.0 TO 5.5 VDC

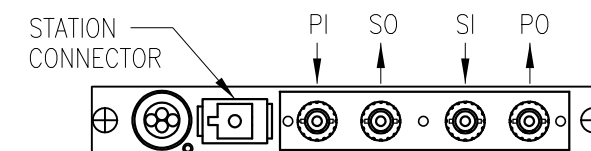
190 MA MAX AT 5.0 VDC W/ LED

SWITCHING SPEED

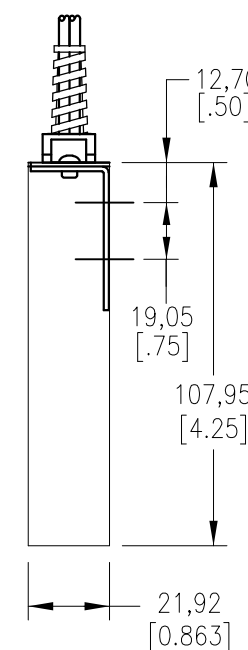
10 MILLISECONDS MAX



VIEW B-B



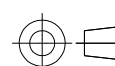
SECTION A-A



KIT P/N	MODULE P/N	POWER CORD P/N	STATION CONNECTOR TYPE
5209174-3	5209664-3	5209503-1	6 POS. SHIELDED MOD PLUG
5209174-4	5209664-3	5209504-1	6 POS. SHIELDED MINI DIN
5209174-6	5209664-3	5209506-1	4 POS. MOD PLUG
<del>3-5209174-4</del>	5209664-6	5209504-6	6 POS. SHIELDED MINI DIN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]



TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC	± -
1 PLC	± 0.5 [0.020]
2 PLC	± 0.38 [0.015]
3 PLC	± -
4 PLC	± -
ANGLES	± 2°

MATERIAL

FINISH

DWN S. MONGOLD 01FEB06

CHK R. PAUL 01FEB06

APVD F. ABENDSCHEIN 01FEB06

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



NAME

BYPASS SWITCH KIT, ST, ADAPTOR/ST PIGTAILS

SIZE A3 CAGE CODE 00779 DRAWING NO. 5209174 RESTRICTED TO

SCALE 1:1 SHEET 1 OF 1 REV B

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