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| LOC | DIST | REVISIONS | | | |
|-----|------|---------------|---------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| EA | 51 | | | | |
| R | | ECR 07-020023 | 28JAN08 | LGE | RP |

NOTES :

1. CONNECTOR KEYING CONFORMS TO ANSI X319.5/84-48.

△ 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 | FIBEROPTIC PIGTAIL CONNECTOR STYLE |
|----------|--------------|------------|------------------------------------|
| 209161 | 62.5/125/250 | 1000 mm | FSD |
| 3-209161 | 62.5/125/250 | 3000 mm | FSD |

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 2.8 DB MAX
 SI LINE TO SRX STATION 2.8 DB MAX
 PTX STATION TO PO LINE 2.8 DB MAX
 STX STATION TO SO LINE 2.8 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

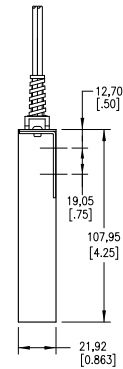
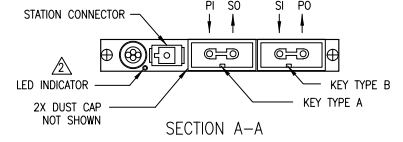
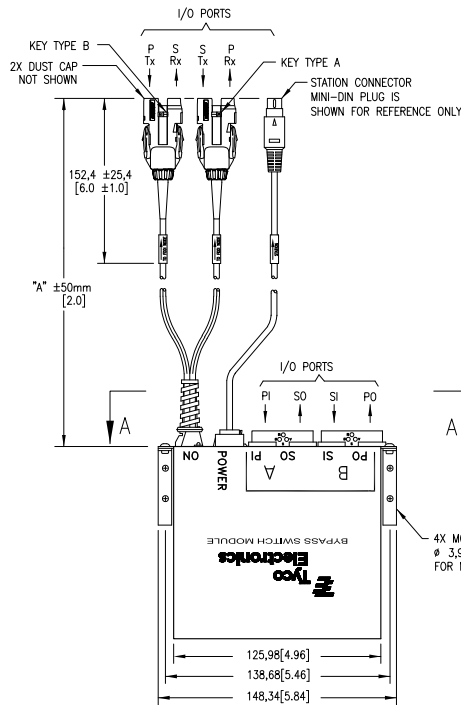
OPERATING WAVE LENGTH 750 TO 1450nm

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



| | KIT P/N | MODULE P/N | POWER CORD P/N | STATION CONNECTOR TYPE |
|----------|----------|------------|----------------|---------------------------|
| OBSOLETE | 209161-1 | 209660-3 | 209501-1 | 6 POS. MTE RECEPTACLE |
| OBSOLETE | 209161-2 | 209660-3 | 209502-1 | 6 POS. SHIELDED DIN PLUG |
| OBSOLETE | 209161-3 | 209660-3 | 209503-1 | 6 POS. SHIELDED MOD PLUG |
| OBSOLETE | 209161-4 | 209660-3 | 209504-1 | 6 POS. SHIELDED MINI DIN |
| OBSOLETE | 209161-5 | 209660-3 | 209505-1 | 9 POS. SUB-D |
| OBSOLETE | 209161-6 | 209660-3 | 209506-1 | 4 POS. MOD PLUG |
| OBSOLETE | 209161-7 | 209660-3 | 209507-1 | 25 POS. SHIELDED HDE PLUG |

| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DWN | | 31OCT2001 | |
|-------------|--------------|--|--|------------------|-----------------|----------------------------------|--------|
| mm [inches] | | | | CHK | R. MONTANEZ | Tyco Electronics | |
| 0 PLC | ± . | | | APVD | P. DAMATO | Tyco Electronics Corporation | |
| 1 PLC | ± 1.27[.05] | | | NAME | M. KADAR-KALLEN | Harrisburg, PA 17105-3608 | |
| 2 PLC | ± 0.13[.005] | | | PRODUCT SPEC | | - | |
| 3 PLC | ± . | | | APPLICATION SPEC | | BYPASS SWITCH KIT | |
| 4 PLC | ± . | | | WEIGHT | | FSD MIC ADAPTOR/FSD MIC PIGTAILS | |
| ANGLES | ± 2" | | | SIZE | A3 | CAGE CODE | 00779 |
| MATERIAL | | | | DRAWING NO | | DRAWING NO | 209161 |
| FINISH | | | | RESTRICTED TO | | SCALE | NONE |
| | | | | CUSTOMER DRAWING | | SHEET | 1 OF 1 |
| | | | | | | REV | R |

AMP 1470-19 REV 31MAR2000