

THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		03_MAR ,03MAR04	
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PART NUMBER	POWER CORD CONNECTOR TYPE		⚠ OBSOLETE DUST CAP NOT SHOWN 4 PLC P S S P Tx Rx Tx Rx ↓ ↑ ↓ ↑		
1607304-1	POWER CORD S/A 6 MTE				
1607304-2	POWER CORD S/A 6 S DIN				
1607304-3	POWER CORD S/A 6 S MP				
1607304-4	POWER CORD S/A 6 S MDIN		⚠ OBSOLETE ↑ 1607304-5 1607304-6 1607304-7 POWER CORD S/A 9 S SUB D POWER CORD S/A 4 MP POWER CORD S/A 25 S SUB D		
1607304-5	POWER CORD S/A 9 S SUB D				
1607304-6	POWER CORD S/A 4 MP				
1607304-7	POWER CORD S/A 25 S SUB D				



OBSOLETE



OBSOLETE

P Tx
S Rx
S Tx
P Rx

DUST CAP
NOT SHOWN
4 PLC

2.0mm JACKET

1000.0mm ± 50.0mm

2-8

I/O PORTS

LED INDICATOR

1

SWITCH MODULE LEGEND

PORT	DEFINITION
PI	Primary In
SO	Secondary Out
PO	Primary Out
SI	Secondary In
PTx	Primary Transit
STx	Secondary Transit
PRx	Primary Receive
SRx	Secondary Receive

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
FZ	5	E	ECO-05-011637	14OCT05	DM	SL
		E1	REVISED PER ECO-09-024606	28OCT09	KK	AEG

NOTES.

1. LED IS 'ON' WHEN THE PRIMARY SWITCH IS IN THE INSERTED STATE.

2. FIBER TYPE SPECIFICATIONS

CORE DIAMETER: 8.2µm
MODE FIELD DIAMETER: 9.2±0.4µm @ 1310nm
10.4±0.5µm @ 1550nm

3. INSERTION LOSS

INSERTION LOSS DATA INCLUDES TWO CONNECTED PAIRS
TESTED PER EIA/TIA-455-FOTP-34A METHOD B

BACK REFLECTION

<-50 dB

OPERATE MODE, POWERED

PI TO P Rx 1.5dB MAX.
SI TO S Rx 1.5dB MAX.
P Tx TO PO 1.5dB MAX.
S Tx TO SO 1.5dB MAX.

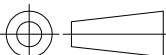
OPERATE MODE, NOT POWERED

PI TO PO 1.5dB MAX.
SI TO SO 1.5dB MAX.
P Tx TO P Rx 1.5dB MAX.
S Tx TO S Rx 1.5dB MAX.

OPTICAL CROSSTALK <-55 dB PER FOTP-42
OPERATING WAVELENGTH 1270nm TO 1350nm, TESTED AT 1310
1510nm TO 1590nm, TESTED AT 1550
POWER REQUIRMENTS 4.5 TO 5.5VDC, 35-50ma TYPICAL W/LED
SWITCHING SPEED 10 MILLISECONDS MAX.

4 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

4	4	4	4	4	4	4		
1	-	-	-	-	-	-	POWER CORD S/A 25 S SUB D	8
-	1	-	-	-	-	-	POWER CORD S/A 4 MP	7
-	-	1	-	-	-	-	POWER CORD S/A 9 S SUB D	6
-	-	-	1	-	-	-	POWER CORD S/A 6 S MDIN	5
-	-	-	-	1	-	-	POWER CORD S/A 6 S MP	4
-	-	-	-	-	1	-	POWER CORD S/A 6 S DIN	3
-	-	-	-	-	-	1	POWER CORD S/A 6 MTE	2
1	1	1	1	1	1	1	MODULE, FIBER OPTIC, SINGLEMODE, SWITCH	1
-7	-6	-5	-4	-3	-2	-1	DESCRIPTION	ITEM NO
							REVISION OF EACH ASSY NO (WHEN BLANK, USE DWG REVISION)	
QTY REQD PER ASSY							PARTS LIST	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D MUNRO	03MAR04	 Tyco Electronics Canada Ltd. Carleton Place, ON K7C 1T4				
		CHK B BRODERICK	03MAR04					
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME				
		APVD M COLLIE	03MAR04	MODULE, FIBER OPTIC, SINGLEMODE, 2x2 FULLY REVERSING BYPASS, DUPLEX SC-DUPLEX LC.				
		PRODUCT SPEC						
		APPLICATION SPEC						
		—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
MATERIAL —		FINISH —		A3		00779	C-1607304	
CUSTOMER DRAWING				SCALE	NTS	SHEET	1 OF 1	REV F1