



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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LOC EA DIST 51

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
G		REVISED PER EC OAO0-0434-03	26NOV03	SM	PD

NOTE:

1. CONNECTOR KEYING CONFORMS TO ANSI X3T9.5/84-48.

▲ 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

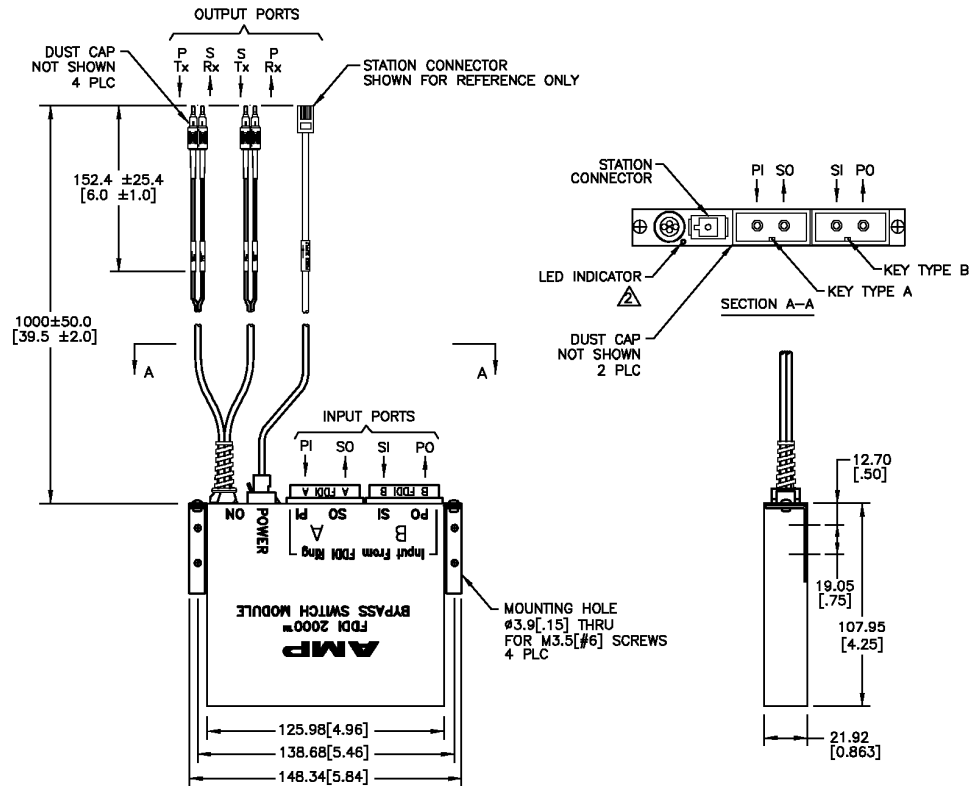
OPERATING WAVE LENGTH 750 TO 1450nm

TESTED WAVELENGTH 1300nm

POWER REQUIREMENTS 4.0 TO 5.5 VDC

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	209163-1	209662-3	209501-1	6 POS. MTE RECEPTACLE
OBSOLETE	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
OBSOLETE	209163-5	209662-3	209505-1	9 POS. SUB-D
	209163-6	209662-3	209506-1	4 POS. MOD PLUG
OBSOLETE	209163-7	209662-3	209507-1	25 POS. SHIELDED HDE PLUG

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