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- TABLE 2: OPTICAL CONFIGURATIONS

* CARDS WITH CWDM TRANSCEIVERS REQUIRE AN EXTERNAL CWDM CARD, E.G. 907-0015-00, ADDING 1-2 dB LOSS PER END OPTICAL BUDGET WITH FOCAL CWDM OPTICS IS 20 dB MIN.

ZONE	ISSUE	DESCRIPTION	DATE	APPROVAL
ALL	B	ECN# 14717	2007-02	
ALL	C	ECN# 16801	2008-01	
ALL	D	ECN# 21390	2010-02	

TABLE 1: GENERAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	MIN	TYP	MAX	UNITS
POWER VOLTAGE	4.5	5.0	5.5	Volts
POWER CURRENT		0.8	1.6	Amps
ETHERNET DATA RATES (AT RJ-45)	10, 100, 1000			Mb/s

ENVIRONMENTAL SPECIFICATIONS	MIN	TYP	MAX	UNITS
TEMPERATURE RANGE (OPERATIONAL)*	-5.0		60.0	Deg. Celsius
TEMPERATURE RANGE (STORAGE)	-40.0		85.0	Deg. Celsius

OPTICAL SPECIFICATIONS	MIN	TYP	MAX	UNITS
OPTICAL BAUDRATE (ALL UNITS)		1250		Mbaud
OPTICAL WAVELENGTH**	850. 1310/1550 CWDM (1470-1610)			nm

* EXTENDED TEMPERATURE OPTIONS AVAILABLE

** WAVELENGTH IS SPECIFIED BY FULL PART NUMBER

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1. DIMENSIONS IN INCHES 2. 3 DECIMAL PLACES +/- 0.005 3. 2 DECIMAL PLACES +/- 0.010 4. FRACTIONS +/- 1/32 5. ANGLES +/- 0.5 DEGREE		DRAWN P POIRIER		FOCAL TECHNOLOGIES CORPORATION 77 FRAZEE AVENUE DARTMOUTH, NS CANADA, B3B 1Z4						
 ESD SENSITIVE PARTS MAY BE USED. TAKE PRECAUTIONS.		CHECKED								
		APPROVED								
MATERIAL N/A		DATE 2006-08-25		TITLE 907-GbE CONFIGURATION GIGABIT ETHERNET MEDIA CONVERTER						
FINISH N/A		REF. NO.					SIZE B	TYPE SK	DRAWING NO. 907-2023-00	ISSUE D
SCALE NTS		SHEET 1 OF 1								