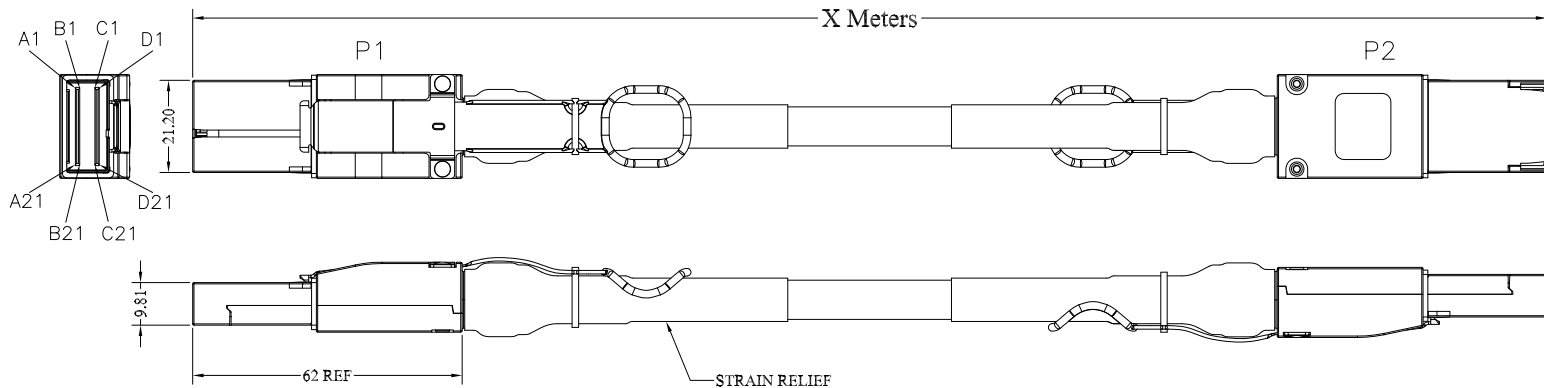


LTR.	ECN	DESCRIPTION	DATE	APP'D.



HIGH SPEED SIGNAL			
P1		P2	
PAD	SIGNAL	PAD	SIGNAL
A2	Tx1p	C2	Rx1p
A3	Tx1n	C3	Rx1n
A5	Tx3p	C5	Rx3p
A6	Tx3n	C6	Rx3n
A8	Tx5p	C8	Rx5p
A9	Tx5n	C9	Rx5n
A11	Tx7p	C11	Rx7p
A12	Tx7n	C12	Rx7n
A14	Tx9p	C14	Rx9p
A15	Tx9n	C15	Rx9n
A17	Tx11p	C17	Rx11p
A18	Tx11n	C18	Rx11n
B2	Tx0p	D2	Rx0p
B3	Tx0n	D3	Rx0n
B5	Tx2p	D5	Rx2p
B6	Tx2n	D6	Rx2n
B8	Tx4p	D8	Rx4p
B9	Tx4n	D9	Rx4n
B11	Tx6p	D11	Rx6p
B12	Tx6n	D12	Rx6n
B14	Tx8p	D14	Rx8p
B15	Tx8n	D15	Rx8n
B17	Tx10p	D17	Rx10p
B18	Tx10n	D18	Rx10n

LOW SPEED SIGNAL & POWER			
P1,P2		P1,P2	
PAD	SIGNAL	PAD	SIGNAL
A20	SCL	B8	Tx4p
A21	SDA	D9	Rx4n
B20	Vcc3.3-Tx	D11	Rx6p
B21	Vcc12-Tx	D12	Rx6n
C20	PRSN_T_L	D14	Rx8p
C21	InT_L/Reset_L	D15	Rx8n
D20	Vcc3.3-Rx	D17	Rx10p
D21	Vcc12-Rx	D18	Rx10n

GND GROUP 01:	
P1:	A1, A4, A7, A10, A13, A16, A19, B1, B4, B7, B10, B13, B16, B19
P2:	C1, C4, C7, C10, C13, C16, C19, D1, D4, D7, D10, D13, D16, D19

GND GROUP 02:	
P1:	C1, C4, C7, C10, C13, C16, C19, D1, D4, D7, D10, D13, D16, D19
P2:	A1, A4, A7, A10, A13, A16, A19, B1, B4, B7, B10, B13, B16, B19,

PART NUMBER CHART

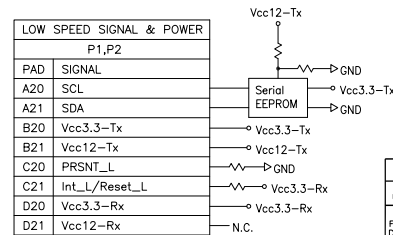
PART NUMBER	LENGTH (X)	TOLERANCE
DM-338-30-50	1/2 Meter	±25 mm
DM-338-30-100	1 Meter	±30 mm
DM-338-30-200	2 Meters	±50 mm

1. CABLE:

CONDUCTOR (SIGNAL WIRE): 30AWG SOLID SILVER PLATED COPPER. 24 PAIRS.
 DRAIN WIRE: SOLID SILVER PLATED COPPER.
 PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM IN.
 INNER SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM OUT.
 OUTER SHIELD: TIN PLATED COPPER BRAID.
 DIFFERENTIAL IMPEDANCE: 100±5 OHMS
 CAPACITANCE: 43pF/M NOMINAL.
 PROP DELAY: 4.35ns/M.
 JACKET: Ø9.8 ±1.0 mm
 (UL) CL2 75°C - RoHS Compliant

2. CONNECTORS:

P1 & P2: CXP MODULE
 HOUSING: ZINC DIE CASTING, NICKEL PLATING
 P.C.B.: 4 LAYERS, FR4. 30µin. GOLD PLATING ON FINGERS
 LATCH: STAINLESS STEEL
 PULL TAB: NYLON UL94V-0; COLOR: BLACK



DO NOT SCALE DRAWING.

EXPERIMENTAL NO:		DIVISION ASSIGNED: dataMate Division	
TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	DRAWN BY: A. CHIAPPETTA	DATE: 01/21/11
METRIC (mm) INCHES	SEE NOTES	CHECKED BY: J. LLORENS	01/21/11
FRAC ± DEC	FINISH:	ENGR. APPROVAL: B. SKEPNEK	01/21/11
ANGLES ± XX-13	TOOLING DWG <input type="checkbox"/> PART DWG <input type="checkbox"/>	APPROVED BY: A. CHIAPPETTA	01/21/11
BREAK SHARP EDGES REMOVE ALL BURRS		PART NO. CLASSIFICATION:	
<p>THE INFORMATION DISCLOSED IN THIS DOCUMENT IS PROPRIETARY TO METHODE ELECTRONICS, INC. AND MAY NOT BE USED FOR REPRODUCTION OR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF METHODE. DETAILS SUBJECT TO CHANGE AS THEY MAY EVOLVE WITH RESPECT TO PRODUCT IMPROVEMENT.</p>			
SIZE C	CODE IDENT.	DWG. NUMBER DM-338-30-XXX	Rev.
SCALE:			SHT. 1 OF 1

