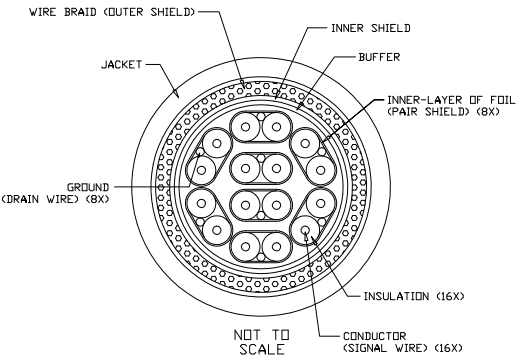
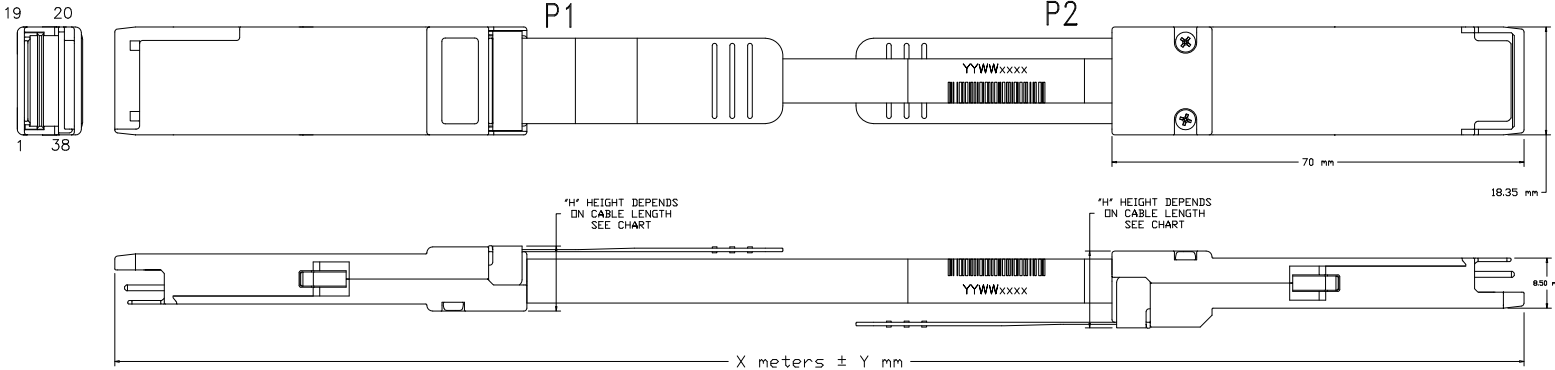
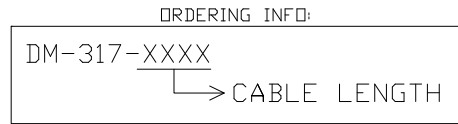


REVISION AND CHANGE EFFECTIVITY DATE				
LTR.	ECN	DESCRIPTION	DATE	APP'D.



PART NUMBER CHART:

PART NUMBER	X (meters)	Y (mm)	H (mm)	SIGNAL WIRE (AWG)	DRAIN WIRE (AWG)	JACKET DIA. (mm)
DM-317-50	1/2	30	11.1	28	30	7.9 ± 1.0
DM-317-100	1	30	11.1	28	30	7.9 ± 1.0
DM-317-200	2	50	11.1	28	30	7.9 ± 1.0
DM-317-300	3	50	13.1	26	28	8.8 ± 1.0
DM-317-500	5	75	13.1	24	27	9.8 ± 1.0
DM-317-700	7	75	13.1	24	27	9.8 ± 1.0



1. CABLE:
 CONDUCTOR (SIGNAL WIRE): SOLID SILVER PLATED COPPER, 8 PAIRS.
 DIFFERENTIAL IMPEDANCE: 100±5 OHMS
 (UL) CL2 75°C – RoHS Compliant

2. CONNECTORS:
 P1 & P2: 4X PLUGGABLE QSFP+
 HOUSING: ZINC DIE CASTING, NICKEL PLATING
 P.C.B.: 4 LAYERS, 30µin. GOLD PLATING ON FINGERS
 LATCH: STAINLESS STEEL WITH PULL TAB

DO NOT SCALE DRAWING.

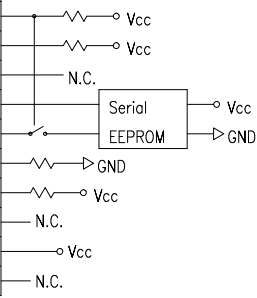
EXPERIMENTAL NO:		DIVISION ASSIGNED: dataMate Division	
<small>TOLERANCE UNLESS OTHERWISE SPECIFIED</small> METRIC INCHES X ± .26 FRACTION XX ± .13 DEC. XX ± .010 XXX ± .005 ANGLES ± TOOLING DWG <input type="checkbox"/> PART DWG <input type="checkbox"/> BREAK SHARP EDGES REMOVE ALL BURRS	<small>MATERIAL:</small> SEE NOTES	<small>DRAWN BY:</small> A. PIRILLIS	<small>DATE:</small> 10/25/12
	<small>FINISH:</small> SEE NOTES	<small>CHECKED BY:</small> J. LLORENS	
		<small>ENGR. APPROVAL:</small> B. SKEPNEK	<small>DATE:</small> 10/25/12
		<small>APPROVED BY:</small> A. CHIAPPETTA	<small>DATE:</small> 10/25/12
		<small>PART NO. CLASSIFICATION:</small>	
		<small>SIZE</small> C	<small>CODE IDENT.</small> DM-317-XXXX
		<small>DWG. NUMBER</small> DM-317-XXXX	<small>Rev.</small> 1
		<small>SCALE:</small>	<small>SHT. 1 OF 2</small>

Wiring Diagram

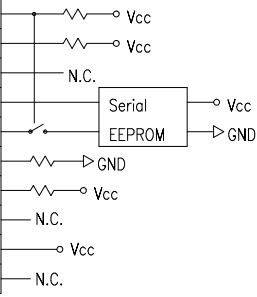
High Speed Signal				
P1(4x-Pluggable-QSFP)			P2(4x-Pluggable-QSFP)	
Pad	Signal		Pad	Signal
02	TX2n		21	RX2n
03	TX2p		22	RX2p
05	TX4n		24	RX4n
06	TX4p		25	RX4p
14	RX3p		33	TX3p
15	RX3n		34	TX3n
17	RX1p		36	TX1p
18	RX1n		37	TX1n
21	RX2n		02	TX2n
22	RX2p		03	TX2p
24	RX4n		05	TX4n
25	RX4p		06	TX4p
33	TX3p		14	RX3p
34	TX3n		15	RX3n
36	TX1p		17	RX1p
37	TX1n		18	RX1n
GND Group	GND		GND Group	GND
GND Group 01,04,07,13,16,19 20,23,26,32,35,38			GND Group 01,04,07,13,16,19 20,23,26,32,35,38	
Connector Shell			Connector Shell	

*DC Blocking Caps on Rx Side.

Low Speed Signal & Power	
P1(4x-Pluggable-QSFP)	
Pad	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMoDe



Low Speed Signal & Power	
P2(4x-Pluggable-QSFP)	
Pad	Signal
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMoDe



DO NOT SCALE DRAWING.



EXPERIMENTAL NO:		DIVISION ASSIGNED: dataMATE Division	
TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	DRAWN BY: A. PIRILLIS	DATE: 10/25/12
METRIC X ± .26 XX ± .13	INCHES DEC. XX ± .010 XXX ± .005	CHECKED BY: J. LLORENS	DATE: 10/25/12
ANGLES ±	FINISH:	ENGR. APPROVAL: B. SKEPNEK	DATE: 10/25/12
TOOLING DWG <input type="checkbox"/>	SEE NOTES	APPROVED BY: A. CHIAPPETTA	DATE: 10/25/12
PART DWG <input type="checkbox"/>	BREAK SHARP EDGES	PART NO. CLASSIFICATION:	
REMOVE ALL BURRS	THE INFORMATION DISCLOSED IN THIS DOCUMENT IS PROPRIETARY TO METHODE ELECTRONICS, INC. AND MAY NOT BE USED FOR MANUFACTURE OR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF METHODE ELECTRONICS, INC. IF ANY CHANGE IS MADE TO THIS DOCUMENT, IT SHALL BE SUBJECT TO CHANGE, AS THEY MAY ARISE WITH RESPECT TO PRODUCT IMPROVING.		
SIZE C	CODE IDENT.	DWG. NUMBER DM-317-XXXX	Rev.
SCALE:			SHT. 2 OF 2