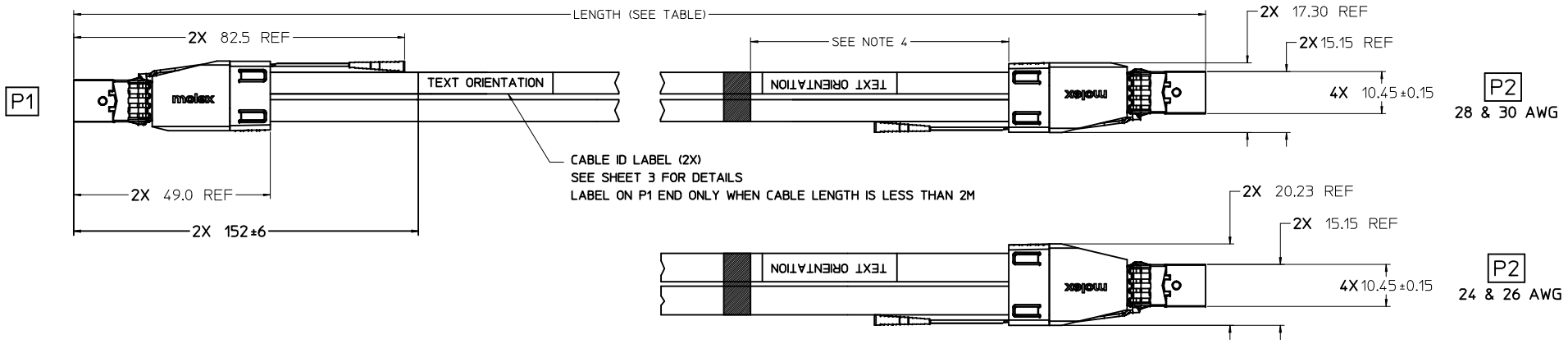




MOLEX P/N	LENGTH (M)	LENGTH TOLERANCE (mm)	AWG
1110771000	0.5	±25	30
1110771001	1.0	±50	30
1110771002	2.0	±50	30
1110771003	3.0	±100	28
1110771004	4.0	±100	26
1110771005	5.0	±100	26
1110771006	6.0	±100	26
1110771007	7.0	±150	24
1110771008	8.0	±150	24

NOTES:
1. MATERIAL=
   BACKSHELLS - NICKEL PLATED ZINC DIECAST.
   LATCH - STAINLESS STEEL.
   PULL - HALOGEN FREE THERMOPLASTIC ELASTOMER (TPE)
2. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8644 AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0
3. RoHS COMPLIANT. NO EXEMPTIONS.
4. TAPE CABLE BUNDLES EVERY 1/2 METER (APPROXIMATELY)
5. PROTECTIVE DUST CAP TO BE INSTALLED ONTO EACH PLUG (NOT SHOWN).

UPDATED CBL GAUGE
EC NO: CPG2015-0299 2014/04/02
DRWN:EMEDINA 2014/07/07
CHKD:BCHEN 2014/07/28
APPR:CHRSCHY
DESCRIPTION
REV C

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RKLINE	2012/09/19
CHECKED BY	SHOSSAIN	2013/04/09
APPROVED BY	RMKHAN	2013/07/03
MATERIAL NO.	SEE P/N TABLE	

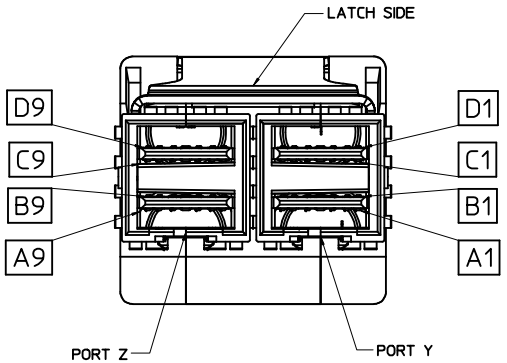
TITLE: MINISAS 8X HD TO MINISAS 8X HD 12GB EXT PASSIVE CBL ASSY
molex
DOCUMENT NO. SD-111077-1000
SHEET NO. 1 OF 3
SIZE D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

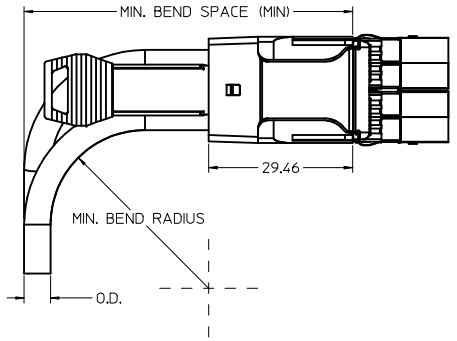
MINISAS HD WIRING CHART				
-P1 (PORT Y)-			-P2 (PORT Y)-	
GND	D9	----	B9	GND
Tx2-	D8	--->	B8	Rx2-
Tx2+	D7	--->	B7	Rx2+
GND	D6	----	B6	GND
Tx0-	D5	--->	B5	Rx0-
Tx0+	D4	--->	B4	Rx0+
GND	D3	----	B3	GND
Vman	D2	**■ **	B2	ModPrsL
Vact	D1	**■ **	B1	Vact
SCL	C1	**■ **	A1	Rsv
SDA	C2	**■ **	A2	IntL
GND	C3	----	A3	GND
Tx1+	C4	--->	A4	Rx1+
Tx1-	C5	--->	A5	Rx1-
GND	C6	----	A6	GND
Tx3+	C7	--->	A7	Rx3+
Tx3-	C8	--->	A8	Rx3-
GND	C9	----	A9	GND
GND	B9	----	D9	GND
Rx2-	B8	<---	D8	Tx2-
Rx2+	B7	<---	D7	Tx2+
GND	B6	----	D6	GND
Rx0-	B5	<---	D5	Tx0-
Rx0+	B4	<---	D4	Tx0+
GND	B3	----	D3	GND
ModPrsL	B2	** ■**	D2	Vman
Vact	B1	** ■**	D1	Vact
Rsv	A1	** ■**	C1	SCL
IntL	A2	** ■**	C2	SDA
GND	A3	----	C3	GND
Rx1+	A4	<---	C4	Tx1+
Rx1-	A5	<---	C5	Tx1-
GND	A6	----	C6	GND
Rx3+	A7	<---	C7	Tx3+
Rx3-	A8	<---	C8	Tx3-
GND	A9	----	C9	GND

MINISAS HD WIRING CHART				
-P1 (PORT Z)-			-P2 (PORT Z)-	
GND	D9	----	B9	GND
Tx2-	D8	--->	B8	Rx2-
Tx2+	D7	--->	B7	Rx2+
GND	D6	----	B6	GND
Tx0-	D5	--->	B5	Rx0-
Tx0+	D4	--->	B4	Rx0+
GND	D3	----	B3	GND
Vman	D2	**■ **	B2	ModPrsL
Vact	D1	**■ **	B1	Vact
SCL	C1	**■ **	A1	Rsv
SDA	C2	**■ **	A2	IntL
GND	C3	----	A3	GND
Tx1+	C4	--->	A4	Rx1+
Tx1-	C5	--->	A5	Rx1-
GND	C6	----	A6	GND
Tx3+	C7	--->	A7	Rx3+
Tx3-	C8	--->	A8	Rx3-
GND	C9	----	A9	GND
GND	B9	----	D9	GND
Rx2-	B8	<---	D8	Tx2-
Rx2+	B7	<---	D7	Tx2+
GND	B6	----	D6	GND
Rx0-	B5	<---	D5	Tx0-
Rx0+	B4	<---	D4	Tx0+
GND	B3	----	D3	GND
ModPrsL	B2	** ■**	D2	Vman
Vact	B1	** ■**	D1	Vact
Rsv	A1	** ■**	C1	SCL
IntL	A2	** ■**	C2	SDA
GND	A3	----	C3	GND
Rx1+	A4	<---	C4	Tx1+
Rx1-	A5	<---	C5	Tx1-
GND	A6	----	C6	GND
Rx3+	A7	<---	C7	Tx3+
Rx3-	A8	<---	C8	Tx3-
GND	A9	----	C9	GND

LEGEND:
** = RESERVED FOR POWER AND MANAGEMENT INTERFACE
---> = TRANSMIT TO RECEIVE ON HIGH SPEED LINES
---- = THRU LINES
■ = CONNECTION TO A DEVICE ON THE PCB



CABLE BEND ALLOWANCE (MIN)



AWG	O.D.	MINIMUM BEND RADIUS (MM)	MINIMUM BEND SPACE (MM)
30	5.10	26	60
28	5.60	28	63
26	6.90	35	71
24	7.60	38	75

UPDATED CBL GAUGE
EC NO: CPG2015-0299 2014/04/02
DRWN:EMEDINA 2014/07/07
CHKD:BCHEN
APPR:CHIRSCHY 2014/07/28
DESCRIPTION
REV C

QUALITY SYMBOLS
⌀=0
⌀=0
⌀=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

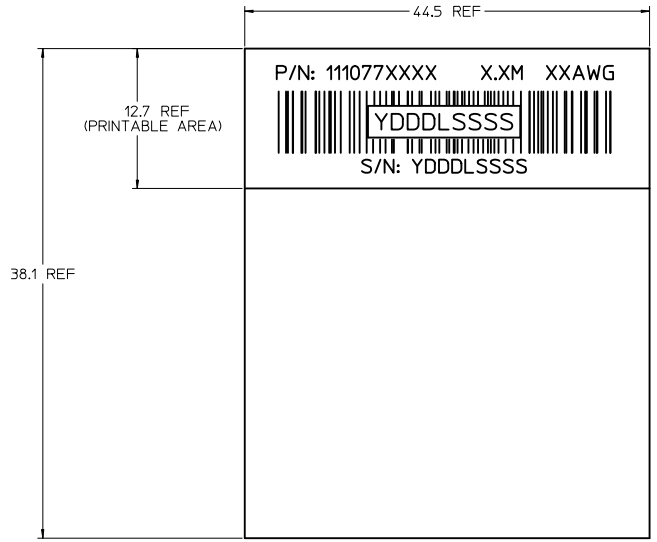
DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RKLINE DATE: 2012/09/19
CHECKED BY: SHOSSAIN DATE: 2013/04/09
APPROVED BY: RMKHAN DATE: 2013/07/03
MATERIAL NO.: SEE P/N TABLE

TITLE: MINISAS 8X HD TO MINISAS 8X HD 12GB EXT PASSIVE CBL ASSY
molex
DOCUMENT NO.: SD-111077-1000
SHEET NO.: 2 OF 3
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CABLE ID LABEL



P/N: SEE TABLE
S/N: Y = YEAR, LAST DIGIT OF YEAR
DDD = DAY OF THE YEAR
L = LOCATION - 1 = USA
2 = MEXICO
3 = CHINA
SSSS = SERIAL NUMBER
X.XM: CABLE LENGTH, SEE TABLE
XXAWG: WIRE GAGE, SEE TABLE

(DATE CODE ISO-8601 FORMAT)

UPDATED CBL GAUGE
EC NO: CPG2015-0299 2014/04/02
DRWN:EMEDINA 2014/07/07
CHKD:BCHEN 2014/07/28
APPR:CHIRSCHY
DESCRIPTION
REV C

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RKLINE DATE: 2012/09/19
CHECKED BY: SHOSSAIN DATE: 2013/04/09
APPROVED BY: RMKHAN DATE: 2013/07/03
MATERIAL NO.: SEE P/N TABLE
SIZE: D

TITLE: MINISAS 8X HD TO MINISAS 8X HD 12GB EXT PASSIVE CBL ASSY
molex
DOCUMENT NO.: SD-111077-1000
SHEET NO.: 3 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION