

MOLEX P/N	LENGTH (M)	LENGTH TOLERANCE (mm)	AWG
1110751000	0.5	±25	30
1110751001	1.0	±50	30
1110751125	1.2	±50	30
1110751160	1.45	±50	30
1110753112	1.5	±50	30
1110751185	1.8	±50	30
1110751002	2.0	±50	30
1110751025	2.5	±50	28
1110751003	3.0	±100	28
1110751026	3.5	±100	28
1110751004	4.0	±100	26
1110751005	5.0	±100	26
1110751027	5.5	±100	26
1110751006	6.0	±100	26
1110751007	7.0	±150	24
1110751008	8.0	±150	24

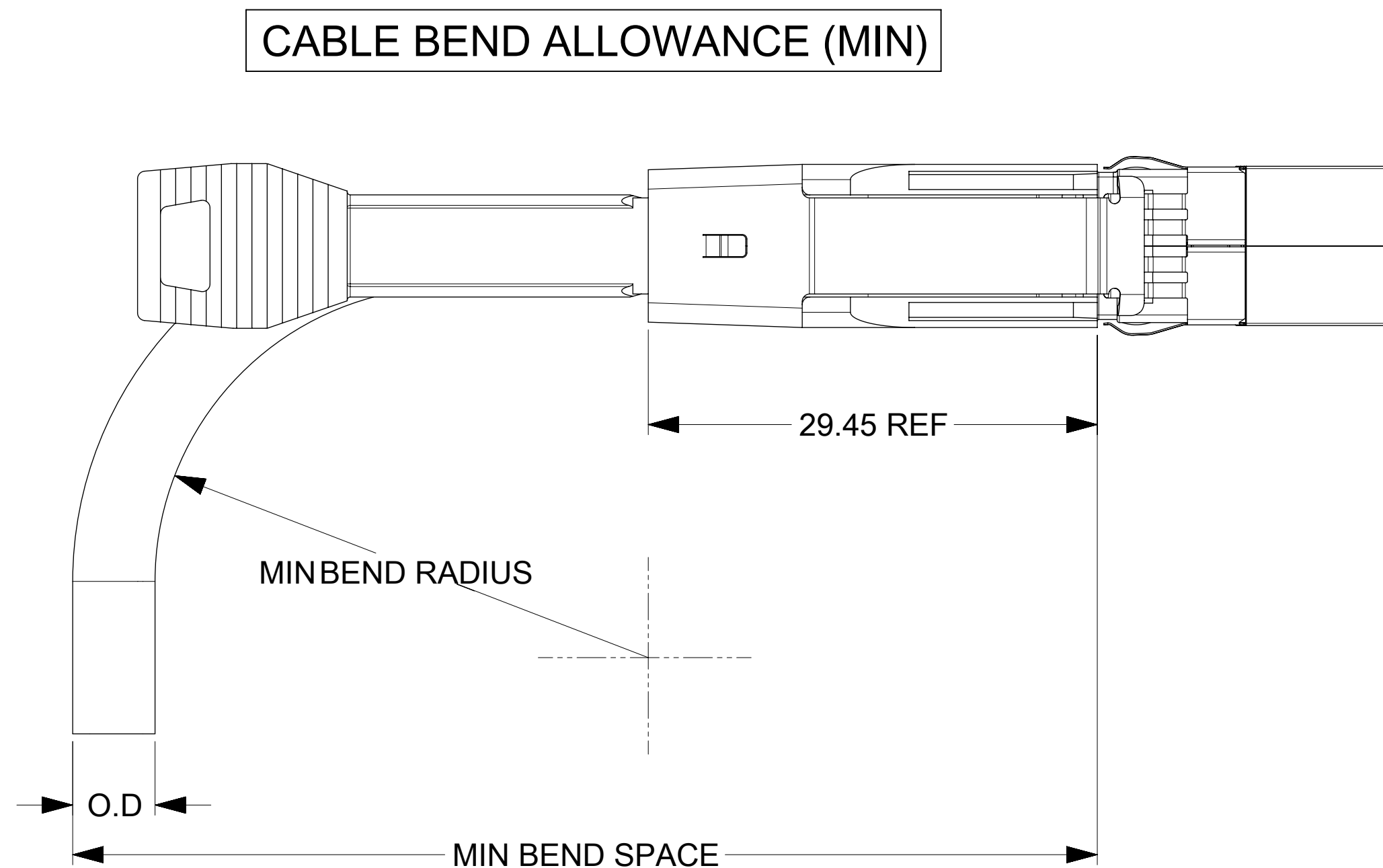
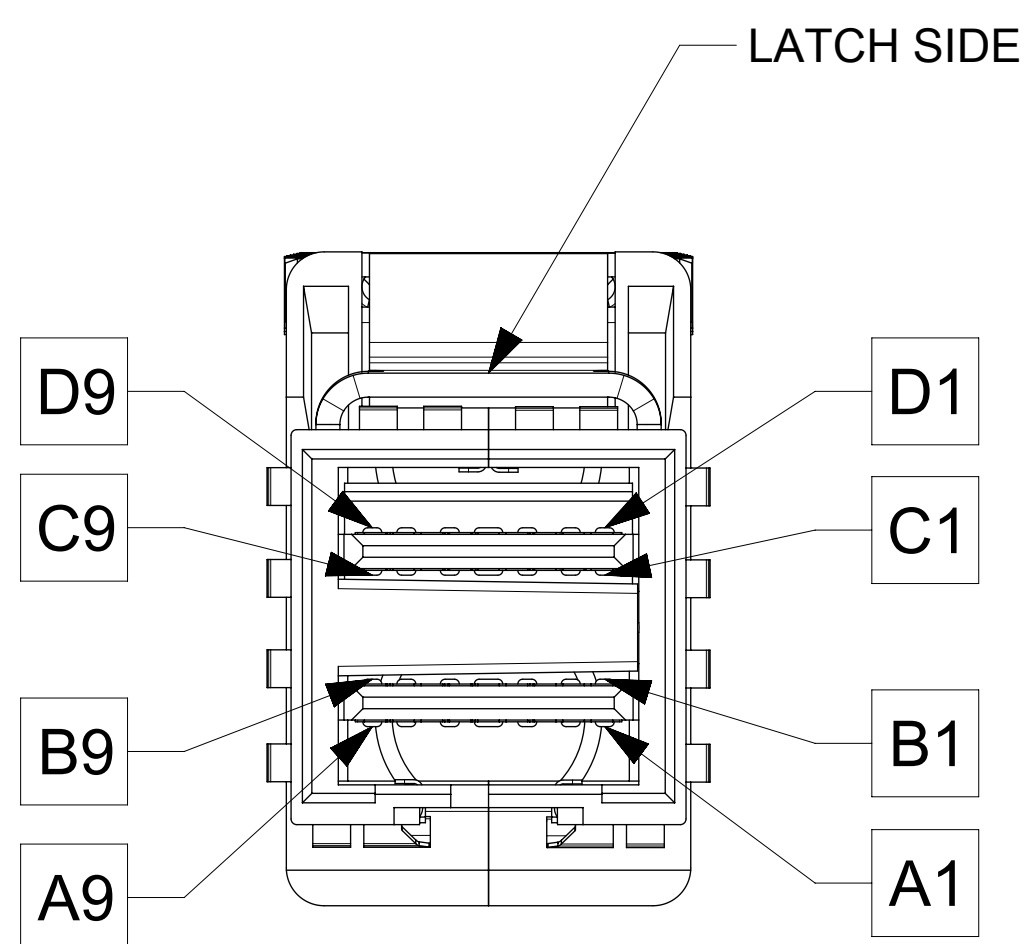
- NOTES:
- MATERIAL =
 BACKSHELLS - NICKEL PLATED ZINC DIECAST
 LATCH - STAINLESS STEEL
 PULL - HALOGEN FREE THERMOPLASTIC ELASTOMER (TPE)
 - THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8644 AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0
 - RoHS COMPLIANT. NO EXEMPTIONS.
 - TAPE CABLE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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS mm	SCALE 2:1	CURRENT REV DESC: ADDED 1.2M LENGTH PN	molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 603033				MINISAS 4X HD TO MINISAS 4X HD 12GB EXT PASSIVE CBL ASSY
ANGULAR TOL ± °		DRWN: KNAGANNA 2018/07/13	PRODUCT CUSTOMER DRAWING			
4 PLACES ±		CHK'D: NSRIVATSAHS 2018/08/17	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
3 PLACES ±		APPR: KNAGANNA 2018/08/23	1110751000	PSD	000	J
2 PLACES ± 0.13		INITIAL REVISION:	SHEET NUMBER			
1 PLACE ± 0.25		DRWN: GSARVADE 2018/03/20	MATERIAL NUMBER		CUSTOMER	
0 PLACES ±		APPR: ARAYBURN 2018/03/23	SEE PN TABLE		GENERAL MARKET	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING SERIES D-SIZE 111075	MATERIAL NUMBER		CUSTOMER	
			SEE PN TABLE		GENERAL MARKET	
					1 OF 3	

MINISAS HD WIRING CHART				
		-P1-		-P2-
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



GUAGE	O.D	MINIMUM BEND RADIUS (mm)	MINIMUM BEND SPACE (mm)
30	5.1	26	60
28	5.6	28	63
26	6.9	35	71
24	7.6	38	75

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DIMENSION UNITS mm	SCALE 3:1	CURRENT REV DESC: ADDED 1.2M LENGTH PN	molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 603033			
ANGULAR TOL ± °		DRWN: KNAGANNA 2018/07/13	PRODUCT CUSTOMER DRAWING		
4 PLACES ±		CHK'D: NSRIVATSAHS 2018/08/17	DOCUMENT NUMBER		
3 PLACES ±		APPR: KNAGANNA 2018/08/23	1110751000		
2 PLACES ± 0.13		INITIAL REVISION:	DOC TYPE	DOC PART	REVISION
1 PLACE ± 0.25		DRWN: GSARVADE 2018/03/20	PSD	000	J
0 PLACES ±		APPR: ARAYBURN 2018/03/23	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		D-SIZE	111075	SEE PN TABLE	GENERAL MARKET



P/N: SEE TABLE
 S/N: Y = YEAR, THE LAST DIGIT OF YEAR
 DDD = DAY OF THE YEAR
 L = LOCATION
 1 - USA
 2 - MEXICO
 3 - CHINA

SSSS = SERIAL NUMBER
 X.XXM: CABLE LENGTH, SEE TABLE
 XXAWG: WIRE GAGE, SEE TABLE

(DATE CODE ISO-8601 FORMAT)

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DIMENSION UNITS	SCALE	CURRENT REV DESC: ADDED 1.2M LENGTH		molex			
mm	1:1	PN					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 603033		MINISAS 4X HD TO MINISAS 4X HD 12GB EXT PASSIVE CBL ASSY			
ANGULAR TOL	± °	DRWN: KNAGANNA 2018/07/13		PRODUCT CUSTOMER DRAWING			
4 PLACES	±	CHK'D: NSRIVATSAHS 2018/08/17		DOCUMENT NUMBER			
3 PLACES	±	APPR: KNAGANNA 2018/08/23		1110751000		DOC TYPE	DOC PART
2 PLACES	± 0.13	INITIAL REVISION:		PSD 000 J			
1 PLACE	± 0.25	DRWN: GSARVADE 2018/03/20		REVISION			
0 PLACES	±	APPR: ARAYBURN 2018/03/23		111075			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			D-SIZE	111075	SEE PN TABLE	GENERAL MARKET	3 OF 3