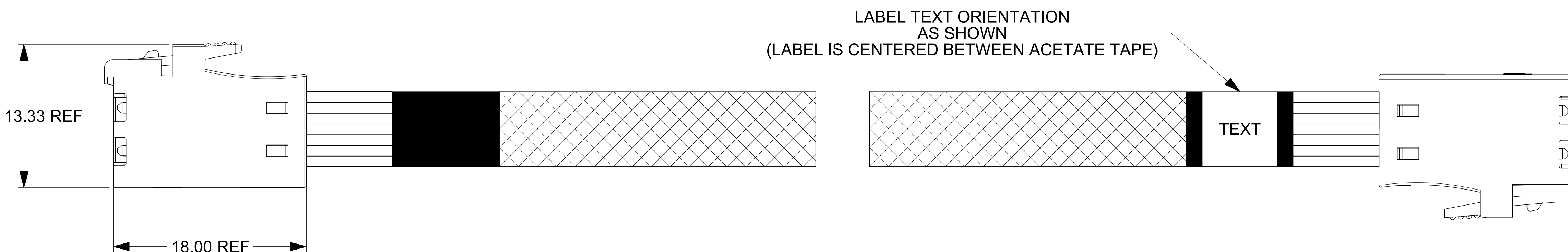
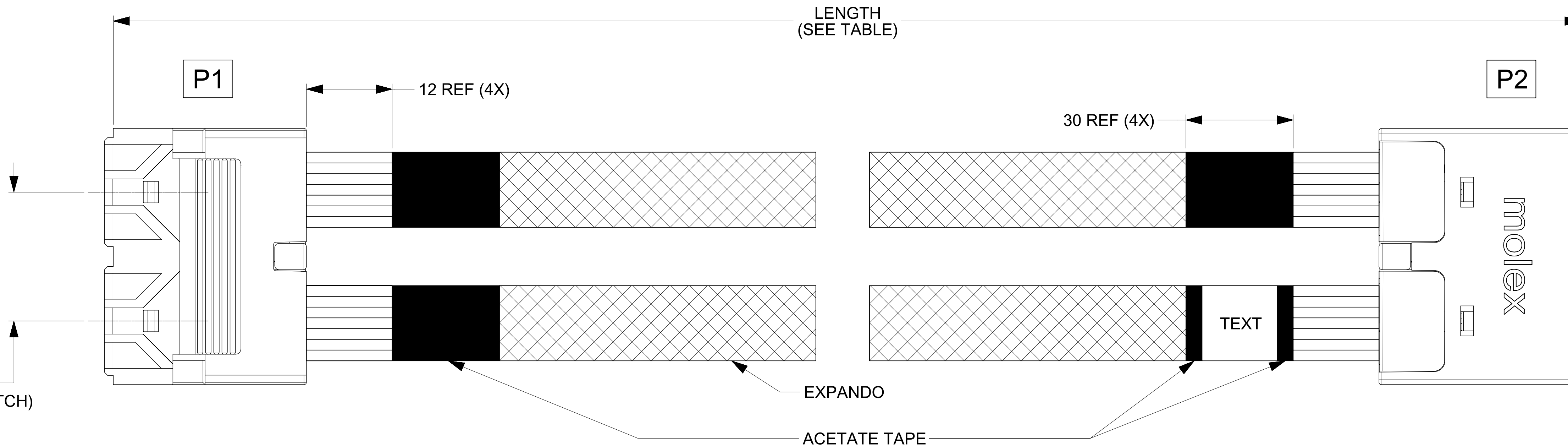


12.0 ±0.1 TYP
(PORT TO PORT PITCH)



MOLEX P/N	AWG	IMPEDANCE	LENGTH (mm)	TOLERANCE (±mm)	DESCRIPTION	PINOUT
1001900100	30	100 OHM	152	10	CTRL TO BP	1
1001900101	30	100 OHM	300	10	CTRL TO BP	1
1001900102	30	100 OHM	500	10	CTRL TO BP	1
1001900103	30	100 OHM	600	10	CTRL TO BP	1
1001900105	30	100 OHM	191	10	CTRL TO BP	1
1001900200	30	100 OHM	152	10	CTRL TO CTRL	2
1001900201	30	100 OHM	300	10	CTRL TO CTRL	2
1001900202	30	100 OHM	500	10	CTRL TO CTRL	2
1001900203	30	100 OHM	600	10	CTRL TO CTRL	2
1001900204	30	100 OHM	1000	15	CTRL TO CTRL	2

- NOTES:
- MATERIAL:
HOUSING - NYLON, UL94-V0
LATCH - MOLDED INTO HOUSING
EXPANDO - PET
CABLE - TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL
SIGNAL AND DRAIN: SOLID COPPER
PCB - FR4 (HALOGEN FREE)
 - THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8643 AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0
 - RoHS COMPLIANT. NO EXEMPTIONS

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DIMENSION UNITS MM	SCALE 4:1	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405				
GENERAL TOLERANCES (UNLESS SPECIFIED)						
ANGULAR TOL	±		8X INT HD SHORT BODY STRAIGHT CBL ASSY			
4 PLACES	±		PRODUCT SALES DRAWING			
3 PLACES	±		DOCUMENT NUMBER			
2 PLACES	±		1001900100			
1 PLACE	±		PSD 000 C1			
0 PLACES	±		REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		D-SIZE	100190	SEE P/N TABLE	GENERAL MARKET	1 OF 4

STATUS: Production
DRWN: Madhava M
CHK'D: Ganesh Rao B
APPR: Gurunandan GA

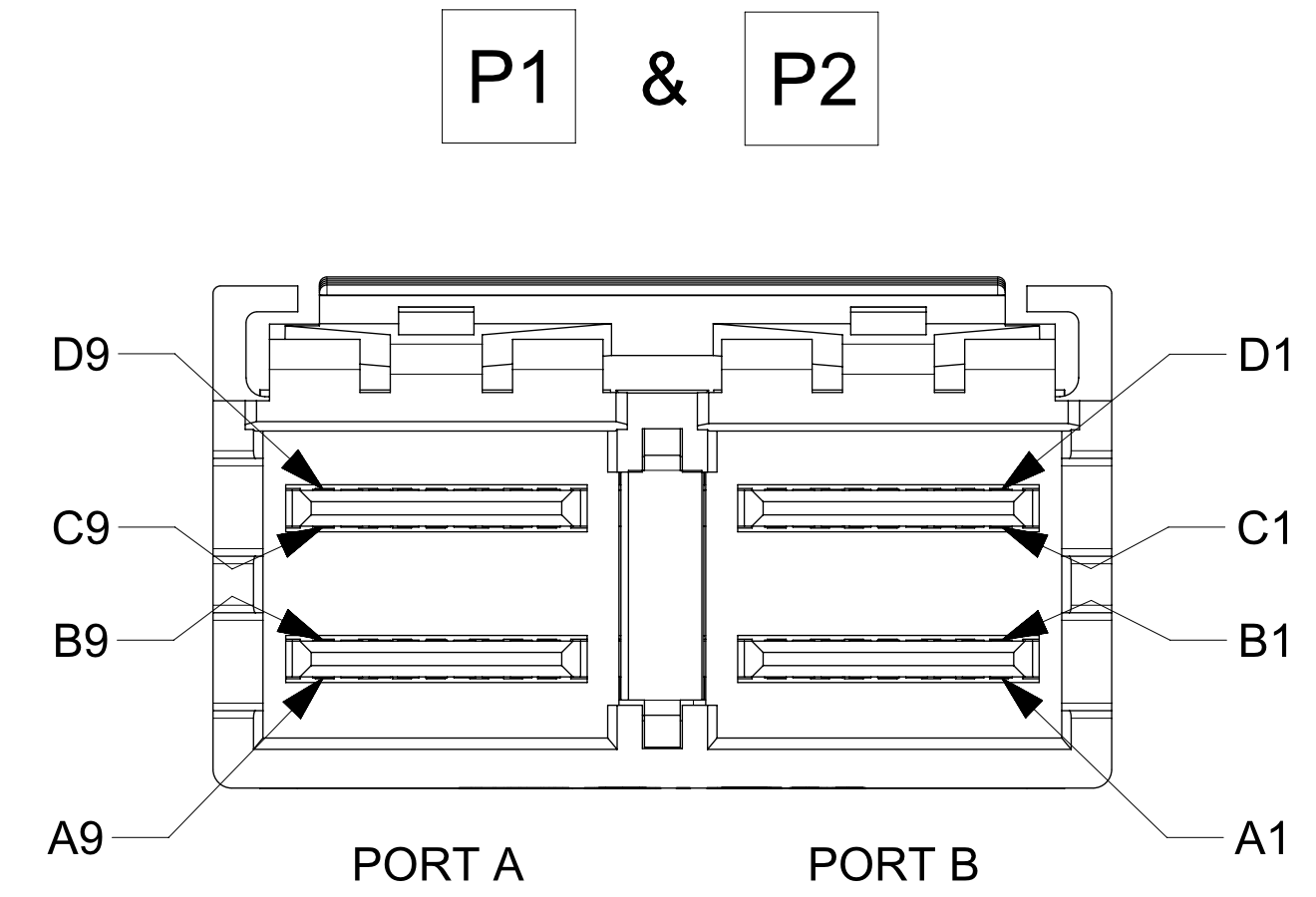
2024-04-19
2024-05-20
2024-05-20

PINOUT 1

PINOUT 2

	P1		NC	P2	
		GND		D9	B9
	TX2-	D8	→	B8	RX2-
	TX2+	D7	→	B7	RX2+
	GND	D6	——	B6	GND
	TX0-	D5	→	B5	RX0-
	TX0+	D4	→	B4	RX0+
	GND	D3	——	B3	GND
	SB6	D2	-----	D1	SB6
	SB5	D1	-----	D2	SB5
	SB4	C1	-----	C2	SB4
	SB2	C2	-----	C1	SB2
	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	NC	A9	GND
	GND	B9	NC	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
	SB1	B2	-----	B1	SB1
	SB3	B1	-----	B2	SB3
	SB7	A1	-----	A2	SB7
	SB0	A2	-----	A1	SB0
	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	NC	C9	GND

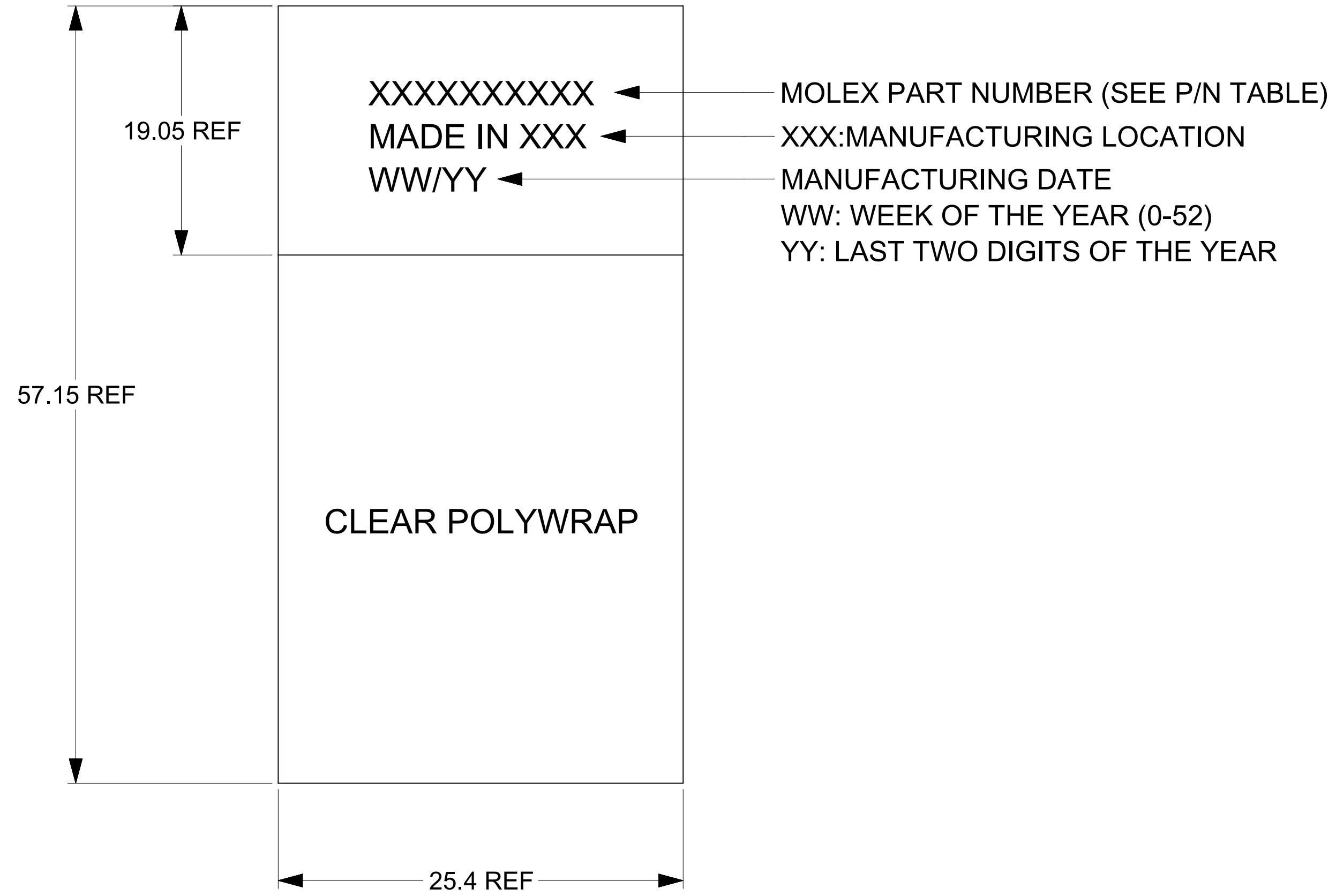
	P1		NC	P2	
		GND		D9	B9
	TX2-	D8	→	B8	RX2-
	TX2+	D7	→	B7	RX2+
	GND	D6	——	B6	GND
	TX0-	D5	→	B5	RX0-
	TX0+	D4	→	B4	RX0+
	GND	D3	——	B3	GND
	SB6	D2	-----	B2	SB1
	SB5	D1	-----	C2	SB2
	SB4	C1	-----	B1	SB3
	SB2	C2	-----	D1	SB5
	GND	C3	——	A3	GND
	TX1+	C4	→	A4	RX1+
	TX1-	C5	→	A5	RX1-
	GND	C6	——	A6	GND
	TX3+	C7	→	A7	RX3+
	TX3-	C8	→	A8	RX3-
	GND	C9	——	A9	GND
	GND	B9	NC	D9	GND
	RX2-	B8	NC	D8	TX2-
	RX2+	B7	←	D7	TX2+
	GND	B6	——	D6	GND
	RX0-	B5	←	D5	TX0-
	RX0+	B4	←	D4	TX0+
	GND	B3	——	D3	GND
	SB1	B2	-----	D2	SB6
	SB3	B1	-----	C1	SB4
	SB7	A1	-----	A2	SB0
	SB0	A2	-----	A1	SB7
	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	NC	C9	GND



LEGEND:
 ——— = GROUND LINES
 ----- = THRU LINES
 ———> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
 PORT A ——— PORT B
 PORT B ——— PORT A

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405								
MM	1:1	<p>8X INT HD SHORT BODY STRAIGHT CBL ASSY</p> <p>PRODUCT SALES DRAWING</p>								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL	± .°									
4 PLACES	±									
3 PLACES	±									
2 PLACES	±	STATUS: Production		2024-04-19		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1 PLACE	±	DRWN: Madhava M		2024-05-20		1001900100		PSD	000	C1
0 PLACES	±	CHK'D: Ganesh Rao B		2024-05-20		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SEE P/N TABLE		GENERAL MARKET	
			D-SIZE	100190	100190	GENERAL MARKET			2 OF 4	

LABEL DETAIL



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405							
MM	1:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)					STATUS: Production DRWN: Madhava M CHK'D: Ganesh Rao B APPR: Gurunandan GA 2024-04-19 2024-05-20 2024-05-20				
ANGULAR TOL	±	°							
4 PLACES	±								
3 PLACES	±								
2 PLACES	±								
1 PLACE	±								
0 PLACES	±				PRODUCT SALES DRAWING DOCUMENT NUMBER: 1001900100 DOC TYPE: PSD DOC PART: 000 REVISION: C1				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
		D-SIZE	100190	SEE P/N TABLE	GENERAL MARKET	3 OF 4			

REVISION HISTORY		
DATE	REV	DESCRIPTION
2014/04/24	A	INITIAL RELEASE
2018/05/04	B	UPDATE TEMPLATES
2018/06/26	C	SHEET 1 : K4 : HD TYPE CHAGNED TO UNIVERSAL HD TYPE
2024/04/19	C1	REMOVED OBSOLETED PART NUMBER 1001900104

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#513405																		
MM	1:1	molex																		
GENERAL TOLERANCES (UNLESS SPECIFIED)																				
ANGULAR TOL ± °		8X INT HD SHORT BODY STRAIGHT CBL ASSY																		
4 PLACES ±																				
3 PLACES ±																				
2 PLACES ±																				
1 PLACE ±																				
0 PLACES ±		STATUS: Production			2024-04-19			PRODUCT SALES DRAWING												
DRWN: Madhava M			2024-05-20			DOCUMENT NUMBER					DOC TYPE DOC PART REVISION									
CHK'D: Ganesh Rao B			2024-05-20			1001900100					PSD 000 C1									
APPR: Gurunandan GA			2024-05-20			MATERIAL NUMBER			CUSTOMER			SHEET NUMBER								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION			DRAWING			SERIES			MATERIAL NUMBER								
						D-SIZE			100190			SEE P/N TABLE			GENERAL MARKET			4 OF 4		

MIGRATED DRAWING

See PDF and DXF file in ORIGINALS
for drawing content

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
= 0	EC NO: 603676 DRWN: PHSU01 CHK'D: VPENG01 APPR: VPENG01	2018/08/30 2018/09/03 2018/09/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
= 0			ANGULAR TOL ± 0.5 °		mm	1:1						
= 0			4 PLACES ±	DRWN BY		DATE		8X INTERNAL HD SHORT BODY STRAIGHT CBL ASSY 85 OHM				
= 0			3 PLACES ±	TPRATT		2014/04/23						
= 0			2 PLACES ± 0.13	CHK'D BY		DATE						
= 0			1 PLACE ± 0.25	PSYTSMA		2014/04/23		PRODUCT CUSTOMER DRAWING				
= 0			0 PLACES ±	APPR BY		DATE						
= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHIRSCHY		2014/04/30		SERIES	MATERIAL NUMBER	CUSTOMER	
= 0					DRAWING SIZE	THIRD ANGLE PROJECTION		100224		GENERAL MARKET		
			E	REV	B			DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	
						SD-100224-0100	PSD	001	1 OF 1			