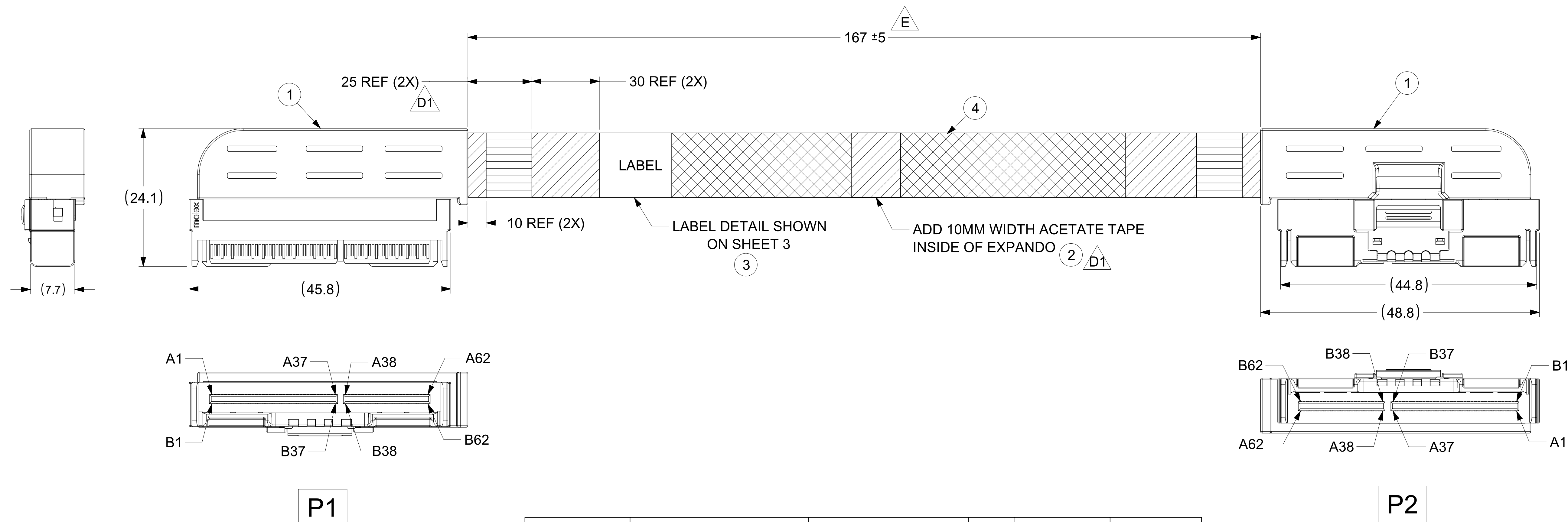
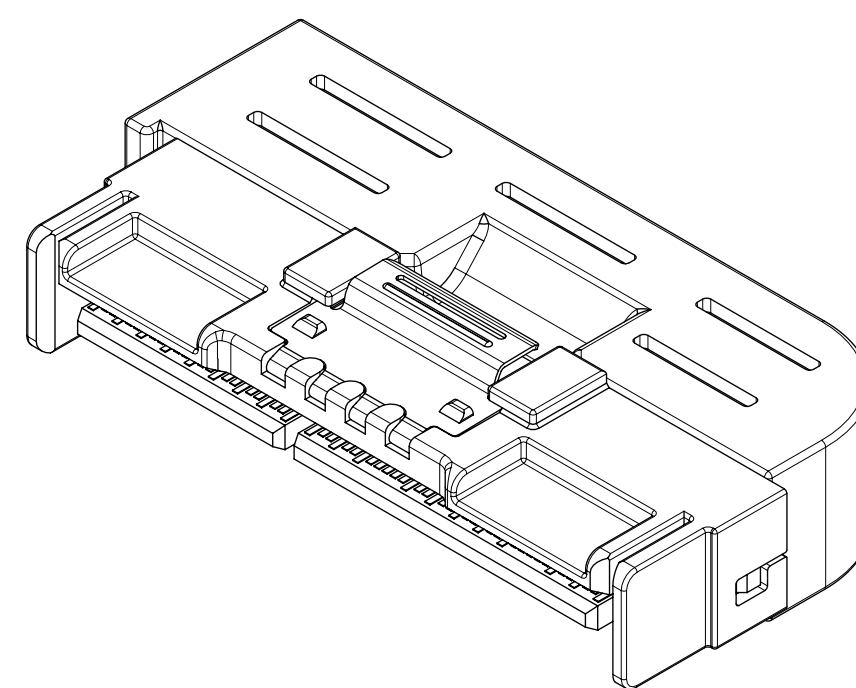




MOLEX P/N	SMC P/N	UPC-A CODE	AWG	IMPEDANCE	EE SPEC
2166121210	CBL-MCIO-1216LDM5L-M	672042897445	30	85 Ohm	PCIE 5.0

NOTES:

1. MATERIALS:

HOUSING - GLASS FILLED PC, UL94-V0

COLOR: WHITE

OVERMOLD RESIN COLOR - WHITE

LATCH - STAINLESS STEEL

CABLE - TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL

- SIGNAL PAIR: SILVER-COATED COPPER

- DRAIN: TIN-COATED COPPER

- CONFORMS TO VW1

2. THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-TA-1016

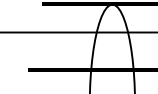
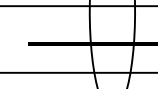
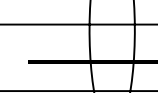
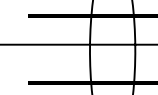
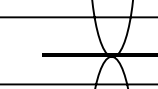
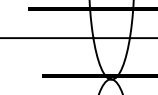
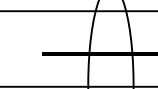
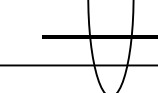
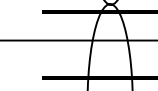
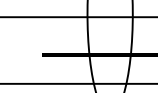
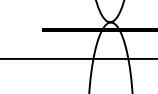
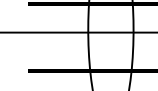
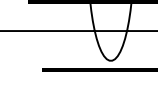
3. RoHS COMPLIANT.

4	TBD	EXPANDO,BLACK,VW-1 HF	A/R
3	TBD	LABEL:REF 38.1x80MM	1
2	TBD	ACETATE TAPE, BLACK, VW-1, HF	A/R
1	2166121000	MCIO 16X LEX PLUG, W/O PULL TAB	2
ITEM	VENDOR PN	DESCRIPTION	QTY
BILL OF MATERIALS			

FUNCTIONAL SYMBOLS		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: SEE REVISION TABLE					molex MCIO 16X 124P LE TO LE, 165MM										
		MM		4:1																	
		GENERAL TOLERANCES (UNLESS SPECIFIED)																			
		ANGULAR TOL		±							3°		PRODUCT CUSTOMER DRAWING								
		4 PLACES		±																	
		3 PLACES		±																	
DIVISIONAL SYMBOLS		2 PLACES		±							0.130		STATUS: Production DRWN: Amruthesh H R2024-09-23 CHK'D: Sachin M K2024-09-24 APPR: Samuel Hou2024-09-24								
		1 PLACE		±		0.25															
		0 PLACES		±																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER						SHEET NUMBER			

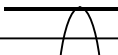
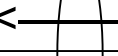
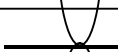
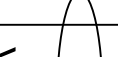
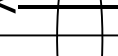
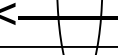
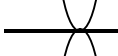
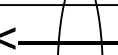
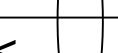
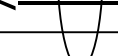
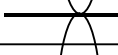
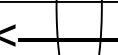
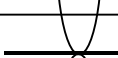
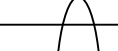
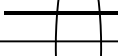
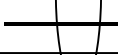
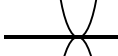
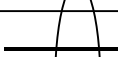
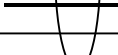
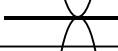
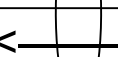
PINOUT DIAGRAM

P1		SIGNAL TYPE	P2	
GND	B37		A37	GND
TX-	B36		A36	RX-
TX+	B35		A35	RX+
GND	B34		A34	GND
TX-	B33		A33	RX-
TX+	B32		A32	RX+
GND	B31		A31	GND
SB	B30		A30	SB
SB	B29		A29	SB
GND	B28		A28	GND
SB	B27		A27	SB
SB	B26		A26	SB
GND	B25		A25	GND
TX-	B24		A24	RX-
TX+	B23		A23	RX+
GND	B22		A22	GND
TX-	B21		A21	RX-
TX+	B20		A20	RX+
GND	B19		A19	GND
TX-	B18		A18	RX-
TX+	B17		A17	RX+
GND	B16		A16	GND
TX-	B15		A15	RX-
TX+	B14		A14	RX+
GND	B13		A13	GND
SB	B12		A12	SB
SB	B11		A11	SB
GND	B10		A10	GND
SB	B9		A9	SB
SB	B8		A8	SB
GND	B7		A7	GND
TX-	B6		A6	RX-
TX+	B5		A5	RX+
GND	B4		A4	GND
TX-	B3		A3	RX-
TX+	B2		A2	RX+
GND	B1		A1	GND

P1		SIGNAL TYPE	P2	
GND	B62		A62	GND
TX-	B61		A61	RX-
TX+	B60		A60	RX+
GND	B59		A59	GND
TX-	B58		A58	RX-
TX+	B57		A57	RX+
GND	B56		A56	GND
TX-	B55		A55	RX-
TX+	B54		A54	RX+
GND	B53		A53	GND
TX-	B52		A52	RX-
TX+	B51		A51	RX+
GND	B50		A50	GND
TX-	B49		A49	RX-
TX+	B48		A48	RX+
GND	B47		A47	GND
TX-	B46		A46	RX-
TX+	B45		A45	RX+
GND	B44		A44	GND
TX-	B43		A43	RX-
TX+	B42		A42	RX+
GND	B41		A41	GND
TX-	B40		A40	RX-
TX+	B39		A39	RX+
GND	B38		A38	GND

KEY SLOT

P1		SIGNAL TYPE	P2	
GND	A37		B37	GND
RX-	A36		B36	TX-
RX+	A35		B35	TX+
GND	A34		B34	GND
RX-	A33		B33	TX-
RX+	A32		B32	TX+
GND	A31		B31	GND
SB	A30		B30	SB
SB	A29		B29	SB
GND	A28		B28	GND
SB	A27		B27	SB
SB	A26		B26	SB
GND	A25		B25	GND
RX-	A24		B24	TX-
RX+	A23		B23	TX+
GND	A22		B22	GND
RX-	A21		B21	TX-
RX+	A20		B20	TX+
GND	A19		B19	GND
RX-	A18		B18	TX-
RX+	A17		B17	TX+
GND	A16		B16	GND
RX-	A15		B15	TX-
RX+	A14		B14	TX+
GND	A13		B13	GND
SB	A12		B12	SB
SB	A11		B11	SB
GND	A10		B10	GND
SB	A9		B9	SB
SB	A8		B8	SB
GND	A7		B7	GND
RX-	A6		B6	TX-
RX+	A5		B5	TX+
GND	A4		B4	GND
RX-	A3		B3	TX-
RX+	A2		B2	TX+
GND	A1		B1	GND

P1		SIGNAL TYPE	P2	
GND	A62		B62	GND
RX-	A61		B61	TX-
RX+	A60		B60	TX+
GND	A59		B59	GND
RX-	A58		B58	TX-
RX+	A57		B57	TX+
GND	A56		B56	GND
RX-	A55		B55	TX-
RX+	A54		B54	TX+
GND	A53		B53	GND
RX-	A52		B52	TX-
RX+	A51		B51	TX+
GND	A50		B50	GND
RX-	A49		B49	TX-
RX+	A48		B48	TX+
GND	A47		B47	GND
RX-	A46		B46	TX-
RX+	A45		B45	TX+
GND	A44		B44	GND
RX-	A43		B43	TX-
RX+	A42		B42	TX+
GND	A41		B41	GND
RX-	A40		B40	TX-
RX+	A39		B39	TX+
GND	A38		B38	GND
KEY SLOT				

————> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS

= GND

NOTE: ALL SIGNAL GROUND ARE BUSSED IN PCB.

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DIMENSION UNITS		SCALE	
MM		4:1	
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL ± 3°			
4 PLACES ±			
3 PLACES ±			
2 PLACES ± 0.130			
1 PLACE ± 0.25			
0 PLACES ±			
DIVISIONAL SYMBOLS		STATUS: Production	
		DRWN: Amruthesh H R 2024-09-23	
		CHK'D: Sachin M K 2024-09-24	
		APPR: Samuel Hou 2024-09-24	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		D-SIZE	
		216612	
		2166121210	
		CUSTOMER	
		SHEET NUMBER	
		2 OF 4	
		DOCUMENT NUMBER	
		DOC TYPE	
		DOC PART	
		REVISION	
		2166121210	
		PSD	
		000	
		E1	
		PRODUCT CUSTOMER DRAWING	
		MCIO 16X 124P LE TO LE, 165MM	
		molex	
		CURRENT REV DESC: SEE REVISION TABLE	

1D S/N BARCODE READING AS: UUUUUYMDXXXX

S/N CODE:

UUUUU = LAST 5 DIGITS OF THE UPC (SEE P/N TABLE)

Y = LAST DIGIT OF THE YEAR (2020-2029 = 0-9, 2030=A, 2031=B AND SO ON)

M = MONTH OF THE YEAR AS SHOWN IN BELOW TABLE

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2	3	4	5	6	7	8	9	A	B	C

D = DAY OF THE MONTH 1ST -- 9TH = 1 -- 9 AND 10TH -- 31ST = A -- V

SERIAL NUMBER:

XXXX (SERIAL NUMBER): SUPPLIERS WILL BE ALLOWED THE USE OF CHARACTERS

0-9, A-F, STARTING FROM 0001

FONT SIZE: THE FONT SIZE SHOULD BE BETWEEN 14 AND 8 WITH A DEFAULT SIZE OF 10.

WITH PRIOR PERMISSION, THE FONT SIZE CAN BE DOWN TO 7 IF SPACE IS LIMITED.

COUNTRY OF ORIGIN, COO: XXX WHERE XXX CAN BE CHN, PHL, MEX, USA...ETC

LABEL DETAIL

UPC-A CODE -->

READING: (SEE P/N TABLE)

WHEN THE CODE HAS NOT BEEN DEFINED

TBD, READING: 00000000000000

12-DIGIT UPC NUMBERS/ TBD-->

COUNTRY OF ORIGIN, COO: XXX WHERE XXX CAN BE CHN, PHL, MEX, USA-->

CUSTOMER P/N (SEE P/N TABLE)-->

REVISION, WW: WEEK OF YEAR ,YY: LAST TWO DIGITS OF YEAR -->

12-DIGIT S/N NUMBERS -->

1D S/N BARCODE W/O TEXT(CODE 128)-->

LABEL COLOR: WHITE —

TEXT COLOR: BLACK

Age Group	Percentage
18-24	10%
25-34	35%
35-44	25%
45-54	20%
55-64	15%
65-74	10%
75-84	5%
85+	5%

UPC: 672042897445

SUPER MICRO COO: XXX

CBL-MCIO-1216LDM5L-M

REV 1 00 W/W/YY

SN:UUUUUYMDXXXX

•

CLEAR POLYWRAP

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE								
	MM		1:1		GENERAL TOLERANCES (UNLESS SPECIFIED)								
	ANGULAR TOL		± 3°										
	4 PLACES		±										
	3 PLACES		±										
	2 PLACES		± 0.130		STATUS: Production DRWN: Amruthesh H R2024-09-23 CHK'D: Sachin M K2024-09-24 APPR: Samuel Hou2024-09-24								
1 PLACE		± 0.25											
0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		216612		2166121210				3 OF 4	
MOLEX MCIO 16X 124P LE TO LE, 165MM													
PRODUCT CUSTOMER DRAWING													
DOCUMENT NUMBER								DOC TYPE		DOC PART		REVISION	
2166121210								PSD		000		E1	

