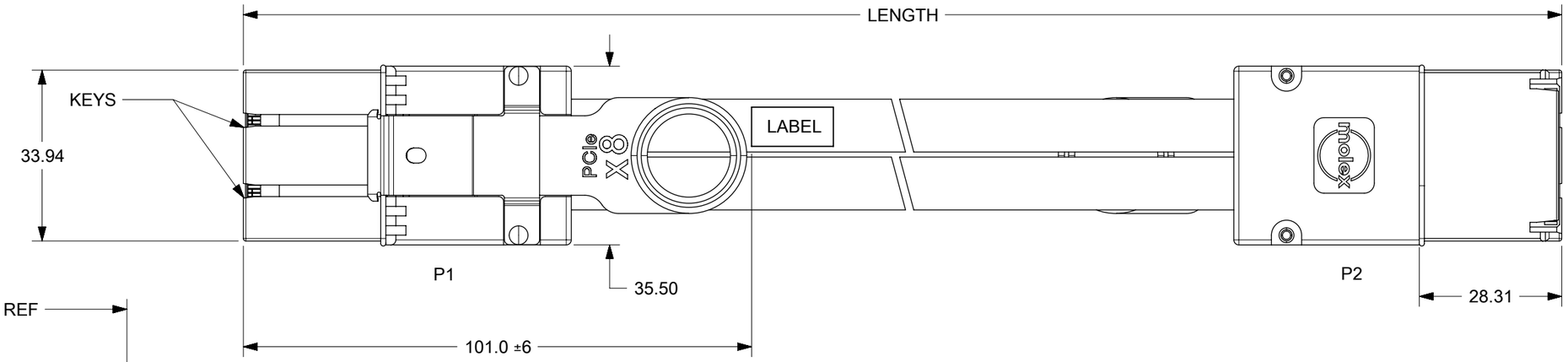
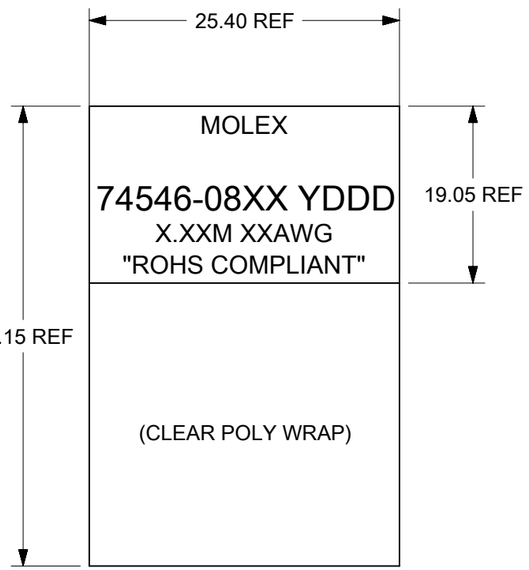




LABEL DETAILS



P/N	LENGTH	GAGE	TOLERANCE	JACKET RATING
74546-0801	1M	28	0.05M	VW1
74546-0802	2M	28	0.05M	VW1
74546-0803	3M	28	0.05M	VW1
74546-0804	4M	28	0.10M	VW1
74546-0805	5M	26	0.10M	CL2
74546-0806	6M	26	0.13M	CL2
74546-0807	7M	24	0.13M	CL2
74546-0808	8M △	24	0.13M	CL2
74546-0809	9M △	24	0.15M	CL2
74546-0810	10M △	24	0.15M	CL2
74546-0813	0.5M	28	0.03M	VW1

NOTES:
1. MATERIAL=
   BACKSHELLS - ZINC DIECAST
   PULL - NYLON
   CABLE JACKET RATING - SEE TABLE.
2. LENGTH AND TOLERANCE - SEE TABLE
3. ELECTRICAL PERFORMANCE PER PCI EXPRESS EXTERNAL CABLING SPEC.
4. PLUG MATES TO RECEPTACLE 75586-0002, AND EMI GUIDE HOUSING ASSY. 74540-0100
5. ASSEMBLY IS TO BE RoHS COMPLIANT BY FEBRUARY 1, 2006.

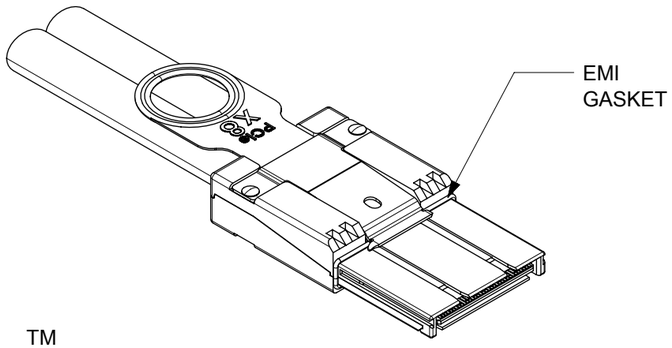
△. NOT COMPLIANT WITH INSERTION LOSS SPEC PER THR PCIe CABLING SPEC.

P/N: 74546-08XX - MOLEX PART NUMBER (SEE P/N TABLE)

X.XXM = CABLE LENGTHIN METERS (EX-0.5M, 1.0M, 1.5M)
SEE P/N TABLE FOR THE NUMBER OF DIGITS

XXAWG = CABLE SIZE IN AWG

S/N: YDDD - SERIAL NUMBER
Y = YEAR, THE LAST DIGIT OF YEAR
DDD = DAY OF THE YEAR



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FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FD = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MIGRATED TO NX

EC NO: 697045
DRWN: SKRISHNAMURT 2022/01/14
CHK'D: JORTIZ02 2022/02/24
APPR: JORTIZ02 2022/02/24

INITIAL REVISION:
DRWN: BREED 2004/11/16
APPR: DDOYE 2004/12/02

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I-PASS
X8 CABLE ASSEMBLY GEN 1

PRODUCT CUSTOMER DRAWING

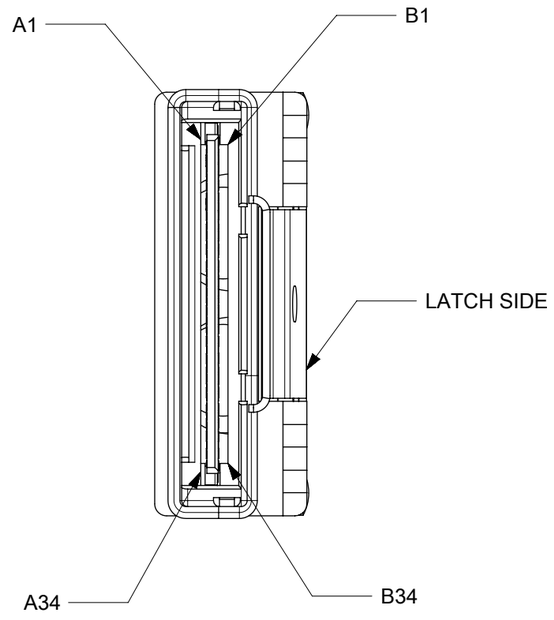
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74546-800	PSD	001	L1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	74546	SEE TABLE	GENERAL MARKET	1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/24 01:40:25

FORMAT: master-tb-prod-B
REVISION: J1
DATE: 2021/05/01

GND	A1	B1	GND	
PETp0	A2	B2	PERp0	
PETn0	A3	B3	PERn0	
GND	A4	B4	GND	
PETp1	A5	B5	PERp1	
PETn1	A6	B6	PERn1	
GND	A7	B7	GND	
PETp2	A8	B8	PERp2	
PETn2	A9	B9	PERn2	
GND	A10	B10	GND	
PETp3	A11	B11	PERp3	
PETn3	A12	B12	PERn3	
GND	A13	B13	GND	
CREFCLK+	A14	A14	CREFCLK+	
CREFCLK-	A15	A15	CREFCLK-	
GND	A16	A16	GND	
NC	A17	A17	NC	
NC	A18	A18	NC	
SB_RTN	A19	A19	SB_RTN	
CPRSNT#	A20	A20	CPRSNT#	
CPWRON	A21	A21	CPWRON	
GND	A22	B22	GND	
PETp4	A23	B23	PERp4	
PETn4	A24	B24	PERn4	
GND	A25	B25	GND	
PETp5	A26	B26	PERp5	
PETn5	A27	B27	PERn5	
GND	A28	B28	GND	
PETp6	A29	B29	PERp6	
PETn6	A30	B30	PERn6	
GND	A31	B31	GND	
PETp7	A32	B32	PERp7	
PETn7	A33	B33	PERn7	
GND	A34	B34	GND	
GND	B1	A1	GND	
PERpO	B2	A2	PETpO	
PERnO	B3	A3	PETnO	
GND	B4	A4	GND	
PERp1	B5	A5	PETp1	
PERn1	B6	A6	PETn1	
GND	B7	A7	GND	
PERp2	B8	A8	PETp2	
PERn2	B9	A9	PETn2	
GND	B10	A10	GND	
PERp3	B11	A11	PETp3	
PERn3	B12	A12	PETn3	
GND	B13	A13	GND	
NC	B14	B14	NC	
NC	B15	B15	NC	
NC	B16	B16	NC	
NC	B17	B17	NC	
NC	B18	B18	NC	
NC	B19	B19	NC	
CWAKE#	B20	B20	CWAKE#	
CPERST#	B21	B21	CPERST#	
GND	B22	A22	GND	
PERp4	B23	A23	PETp4	
PERn4	B24	A24	PETn4	
GND	B25	A25	GND	
PERp5	B26	A26	PETp5	
PERn5	B27	A27	PETN5	
GND	B28	A28	GND	
PERp6	B29	A29	PETp6	
PERn6	B30	A30	PETN6	
GND	B31	A31	GND	
PERp7	B32	A32	PETp7	
PERn7	B33	A33	PETN7	
GND	B34	A34	GND	



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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FB = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MIGRATED TO NX

EC NO: 697045

DRWN:	SKRISHNAMURT	2022/01/14
CHK'D:	JORTIZ02	2022/02/24
APPR:	JORTIZ02	2022/02/24

INITIAL REVISION:

DRWN:	BREED	2004/11/16
APPR:	DDOYE	2004/12/02

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 74546

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I-PASS
X8 CABLE ASSEMBLY GEN 1

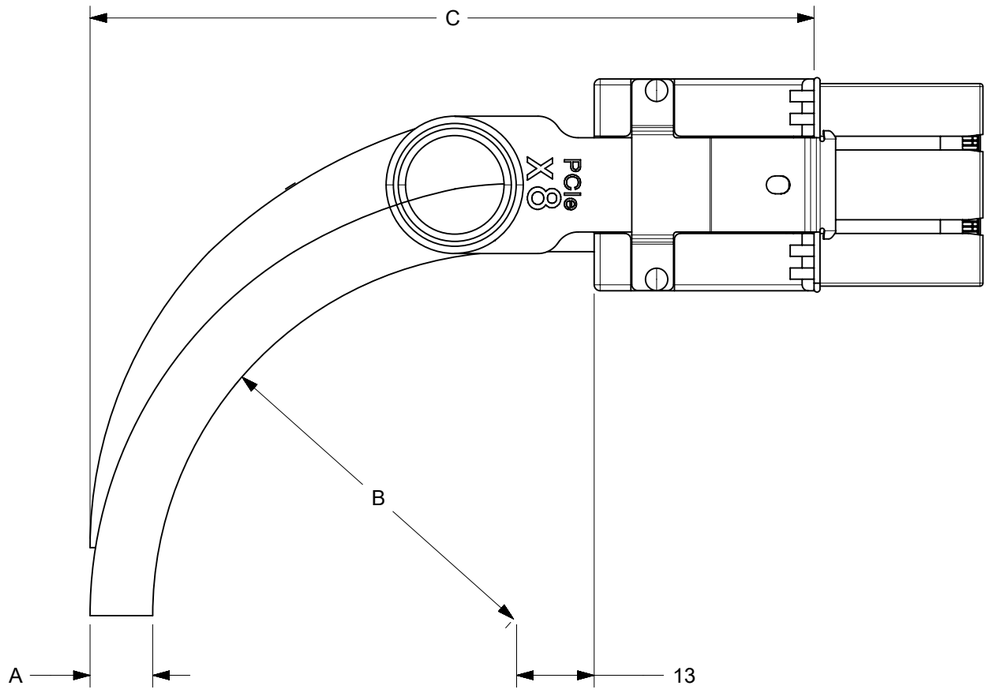
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74546-800	PSD	001	L1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/24 01:40:25

FORMAT: master-tb-prod-B
REVISION: J1
DATE: 2021/05/01



CABLE GAGE	24	26	28
A. CABLE DIAMETER	10.4	9.3	8.4
B. MINIMUM OUTER RADIUS	46.9	41.7	37.7
C. FACEPLATE TO OUTER RADIUS	102.2	97.0	93.0

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MIGRATED TO NX

EC NO: 697045
DRWN: SKRISHNAMURT 2022/01/14
CHK'D: JORTIZ02 2022/02/24
APPR: JORTIZ02 2022/02/24

INITIAL REVISION:
DRWN: BREED 2004/11/16
APPR: DDOYE 2004/12/02

molex

I-PASS
X8 CABLE ASSEMBLY GEN 1

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74546-800	PSD	001	L1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	74546	SEE TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/24 01:40:25

FORMAT: master-tb-prod-B
REVISION: J1
DATE: 2021/05/01

REV	DATE	DESCRIPTION
A	N/A	N/A
B	N/A	N/A
C	N/A	N/A
D	N/A	N/A
E	N/A	N/A
F	N/A	N/A
G	N/A	N/A
H	N/A	N/A
I	N/A	N/A
J	N/A	N/A
K	N/A	N/A
L	N/A	N/A
L1	01/27/2022	1) MIGRATED THE SLAES DRAWING TO NX 2) ADDED THE BARCODE IN THE LABEL WHICH CONTAINS PART NUMBER AND SERIAL NUMBER

FUNCTIONAL SYMBOLS
F/A = 0
F/C = 0
F/P = 0

DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MIGRATED TO NX

EC NO: 697045

DRWN:	SKRISHNAMURT	2022/01/14
CHK'D:	JORTIZ02	2022/02/24
APPR:	JORTIZ02	2022/02/24

INITIAL REVISION:

DRWN:	BREED	2004/11/16
APPR:	DDOYE	2004/12/02

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 74546

molex

I-PASS
X8 CABLE ASSEMBLY GEN 1

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74546-800	PSD	001	L1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/24 01:40:25

FORMAT: master-lb-prod-B
REVISION: J1
DATE: 2021/05/01