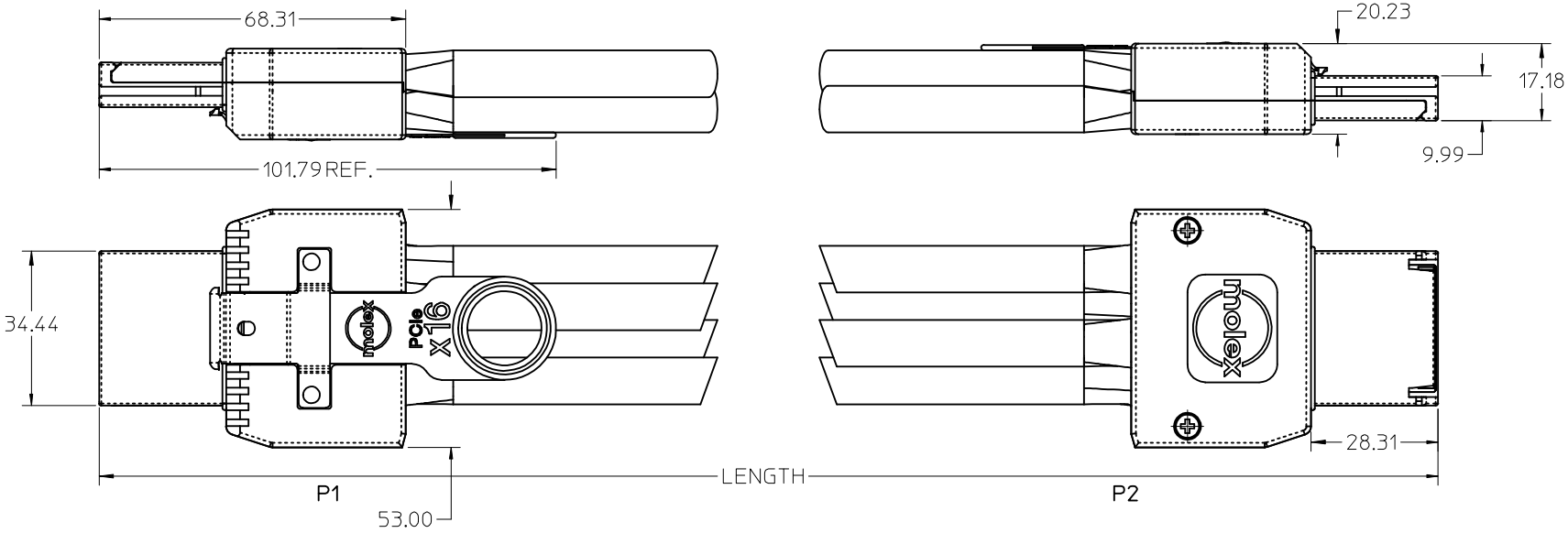
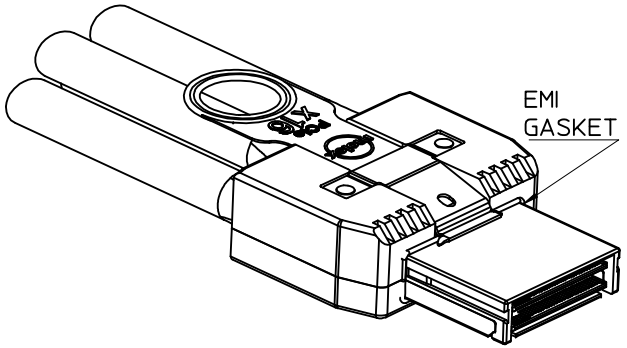


MOLEX P/N	LENGTH	TOLERANCE	JACKET RATING
745461601	1M	0.05M	VW1
745461602	2M	0.05M	VW1
745461603	3M	0.05M	VW1
745461604	4M	0.10M	VW1
745461605	5M	0.10M	CL2
745461606	6M	0.13M	CL2
745461607	7M	0.13M	CL2
745461608	8M△	0.13M	CL2
745461609	9M△	0.15M	CL2
745461610	10M△	0.15M	CL2
745461611	0.5M	0.05M	VW1



NOTES:
1. MATERIAL=
   BACKSHELLS - ZINC DIECAST
   PULL - NYLON
   CABLE JACKET - SEE TABLE
2. LENGTH AND TOLERANCE - SEE TABLE
3. ELECTRICAL PERFORMANCE PER PCI EXPRESS EXTERNAL CABLING SPEC. REV 0.4
4. PLUG MATES TO RECEPTACLE - EMI GUIDE HOUSING ASSY. 75581-0001
5. ASSEMBLY IS TO BE RoHS COMPLIANT BY FEBRUARY 1, 2006.

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

iPass™ is a trademark of Molex

ENTER DESCRIPTION
EC NO: USY2009-0015 2008/12/17
DRWN: JERWIN 2008/12/17
CH'KD: BSCHOESTER 2008/12/22
APPR: DDOYE
DESCRIPTION
REV
I

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

		DATE
DRAWN BY	BREED	2005/01/26
CHECKED BY	DDOYE	2005/01/26
APPROVED BY	DDOYE	2005/01/26

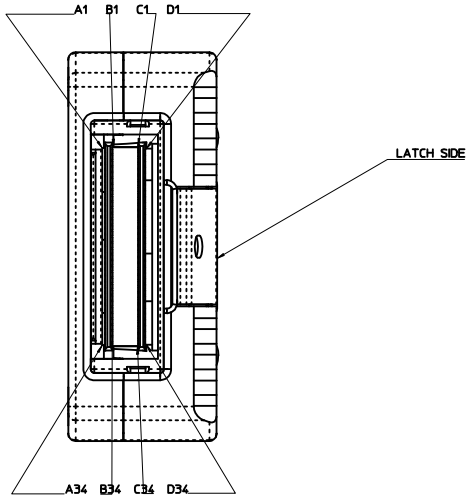
TITLE
I-PASS
X16 CABLE ASSEMBLY
GEN 1

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-74546-160
SHEET NO.: 1 OF 3
SIZE: B

P1			P2	
GND	A1		C1	GND
PERp1	A2	←	C2	PETp1
PERn1	A3	←	C3	PETn1
GND	A4		C4	GND
PERp3	A5	←	C5	PETp3
PERn3	A6	←	C6	PETn3
GND	A7		C7	GND
PERp5	A8	←	C8	PETp5
PERn5	A9	←	C9	PETn5
GND	A10		C10	GND
PERp7	A11	←	C11	PETp7
PERn7	A12	←	C12	PETn7
GND	A13		C13	GND
NC	A14		C14	NC
NC	A15		C15	NC
NC	A16		C16	NC
SB_RTN	A17		C17	SB_RTN
GND	A18		C18	GND
CREFCLK+	A19		C19	CREFCLK+
CREFCLK-	A20		C20	CREFCLK-
GND	A21		C21	GND
PERp9	A22	←	C22	PETp9
PERn9	A23	←	C23	PETn9
GND	A24		C24	GND
PERp11	A25	←	C25	PETp11
PERn11	A26	←	C26	PETn11
GND	A27		C27	GND
PERp13	A28	←	C28	PETp13
PERn13	A29	←	C29	PETn13
GND	A30		C30	GND
PERp15	A31	←	C31	PETp15
PERn15	A32	←	C32	PETn15
GND	A33		C33	GND
NC	A34		C34	NC
GND	C1		A1	GND
PETp1	C2	→	A2	PERp1
PETn1	C3	→	A3	PERn1
GND	C4		A4	GND
PETp3	C5	→	A5	PERp3
PETn3	C6	→	A6	PERn3
GND	C7		A7	GND
PETp5	C8	→	A8	PERp5
PETn5	C9	→	A9	PERn5
GND	C10		A10	GND
PETp7	C11	→	A11	PERp7
PETn7	C12	→	A12	PERn7
GND	C13		A13	GND
NC	C14		A14	NC
NC	C15		A15	NC
NC	C16		A16	NC
SB_RTN	C17		A17	SB_RTN
GND	C18		A18	GND
CREFCLK+	C19		A19	CREFCLK+
CREFCLK-	C20		A20	CREFCLK-
GND	C21		A21	GND
PETp9	C22	→	A22	PERp9
PETn9	C23	→	A23	PERn9
GND	C24		A24	GND
PETp11	C25	→	A25	PERp11
PETn11	C26	→	A26	PEPn11
GND	C27		A27	GND
PETp13	C28	→	A28	PERp13
PETn13	C29	→	A29	PERn13
GND	C30		A30	GND
PETp15	C31	→	A31	PERp15
PETn15	C32	→	A32	PERn15
GND	C33		A33	GND
NC	C34		A34	NC

P1			P2	
GND	B1		D1	GND
PERp0	B2	←	D2	PETp0
PERn0	B3	←	D3	PETn0
GND	B4		D4	GND
PERp2	B5	←	D5	PETp2
PERn2	B6	←	D6	PETn2
GND	B7		D7	GND
PERp4	B8	←	D8	PETp4
PERn4	B9	←	D9	PETn4
GND	B10		D10	GND
PERp6	B11	←	D11	PETp6
PERn6	B12	←	D12	PETn6
GND	B13		D13	GND
NC	B14		D14	NC
NC	B15		D15	NC
NC	B16		D16	NC
CPWRON	B17		D17	CPWRON
CWAKE#	B18		D18	CWAKE#
CPRSNT#	B19		D19	CPRSNT#
CPERSNT#	B20		D20	CPERSNT#
GND	B21		D21	GND
PERp8	B22	←	D22	PETp8
PERn8	B23	←	D23	PETn8
GND	B24		D24	GND
PERp10	B25	←	D25	PETp10
PERn10	B26	←	D26	PETn10
GND	B27		D27	GND
PERp12	B28	←	D28	PETp12
PERn12	B29	←	D29	PETn12
GND	B30		D30	GND
PERp14	B31	←	D31	PETp14
PERn14	B32	←	D32	PETn14
GND	B33		D33	GND
NC	B34		D34	NC
GND	D1		B1	GND
PETp0	D2	→	B2	PERp0
PETn0	D3	→	B3	PERn0
GND	D4		B4	GND
PETp2	D5	→	B5	PERp2
PETn2	D6	→	B6	PERn2
GND	D7		B7	GND
PETp4	D8	→	B8	PERp4
PETn4	D9	→	B9	PERn4
GND	D10		B10	GND
PETp6	D11	→	B11	PERp6
PETn6	D12	→	B12	PERn6
GND	D13		B13	GND
NC	D14		B14	NC
NC	D15		B15	NC
NC	D16		B16	NC
CPWRON	D17		B17	CPWRON
CWAKE#	D18		B18	CWAKE#
CPRSNT#	D19		B19	CPRSNT#
CPERSNT#	D20		B20	CPERSNT#
GND	D21		B21	GND
PETp8	D22	→	B22	PERp8
PETn8	D23	→	B23	PERn8
GND	D24		B24	GND
PETp10	D25	→	B25	PERp10
PETn10	D26	→	B26	PERn10
GND	D27		B27	GND
PETp12	D28	→	B28	PERp12
PETn12	D29	→	B29	PERn12
GND	D30		B30	GND
PETp14	D31	→	B31	PERp14
PETn14	D32	→	B32	PERn14
GND	D33		B33	GND
NC	D34		B34	NC



IPASS™ IS A TRADEMARK OF MOLEX

ENTER DESCRIPTION
EC NO: USY2009-0015 2008/12/17
DRWN: JERWIN 2008/12/17
CHKD: BSCHOESTER 2008/12/17
APPR: DDOYE 2008/12/22
DESCRIPTION
REV
I

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

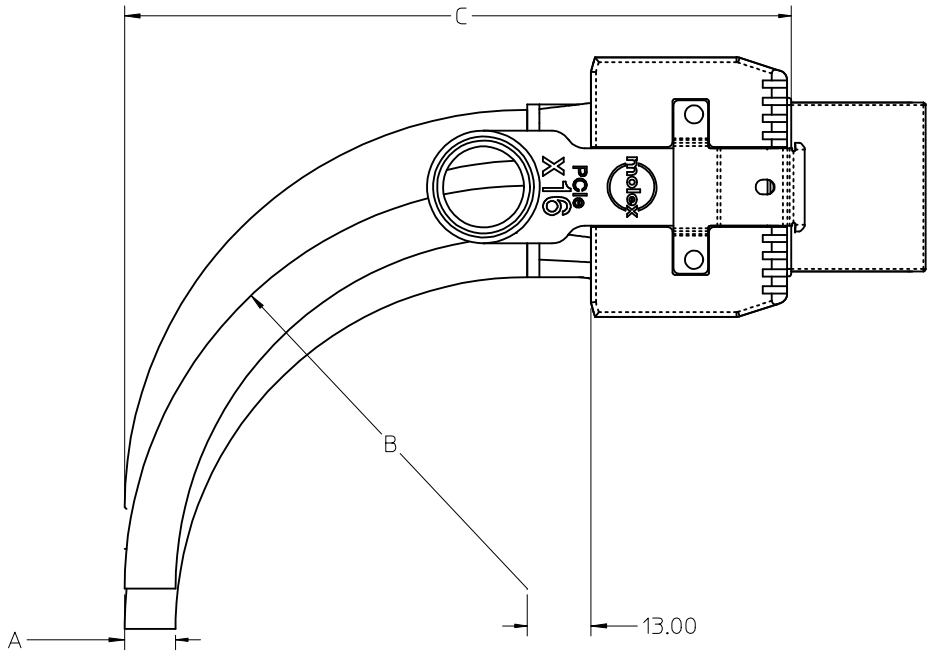
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: BREED DATE: 2005/01/26
CHECKED BY: DDOYE DATE: 2005/01/26
APPROVED BY: DDOYE DATE: 2005/01/26
MATERIAL NO.: SEE TABLE
SIZE: D

TITLE
I-PASS
X16 CABLE ASSEMBLY
GEN 1

MOLEX INCORPORATED
DOCUMENT NO.: SD-74546-160
SHEET NO.: 2 OF 3



CABLE GAUGE	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

ENTER DESCRIPTION
EC NO: USY2009-0015 2008/12/17
DRWN:JERWIN 2008/12/17
CH'KD:BSCHOESTER 2008/12/22
APPR:DDOYE
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
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1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

		DATE
DRAWN BY	BREED	2005/01/26
CHECKED BY	DDOYE	2005/01/26
APPROVED BY	DDOYE	2005/01/26

TITLE
I-PASS
X16 CABLE ASSEMBLY
GEN 1

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74546-160
SHEET NO.: 3 OF 3
SIZE: B