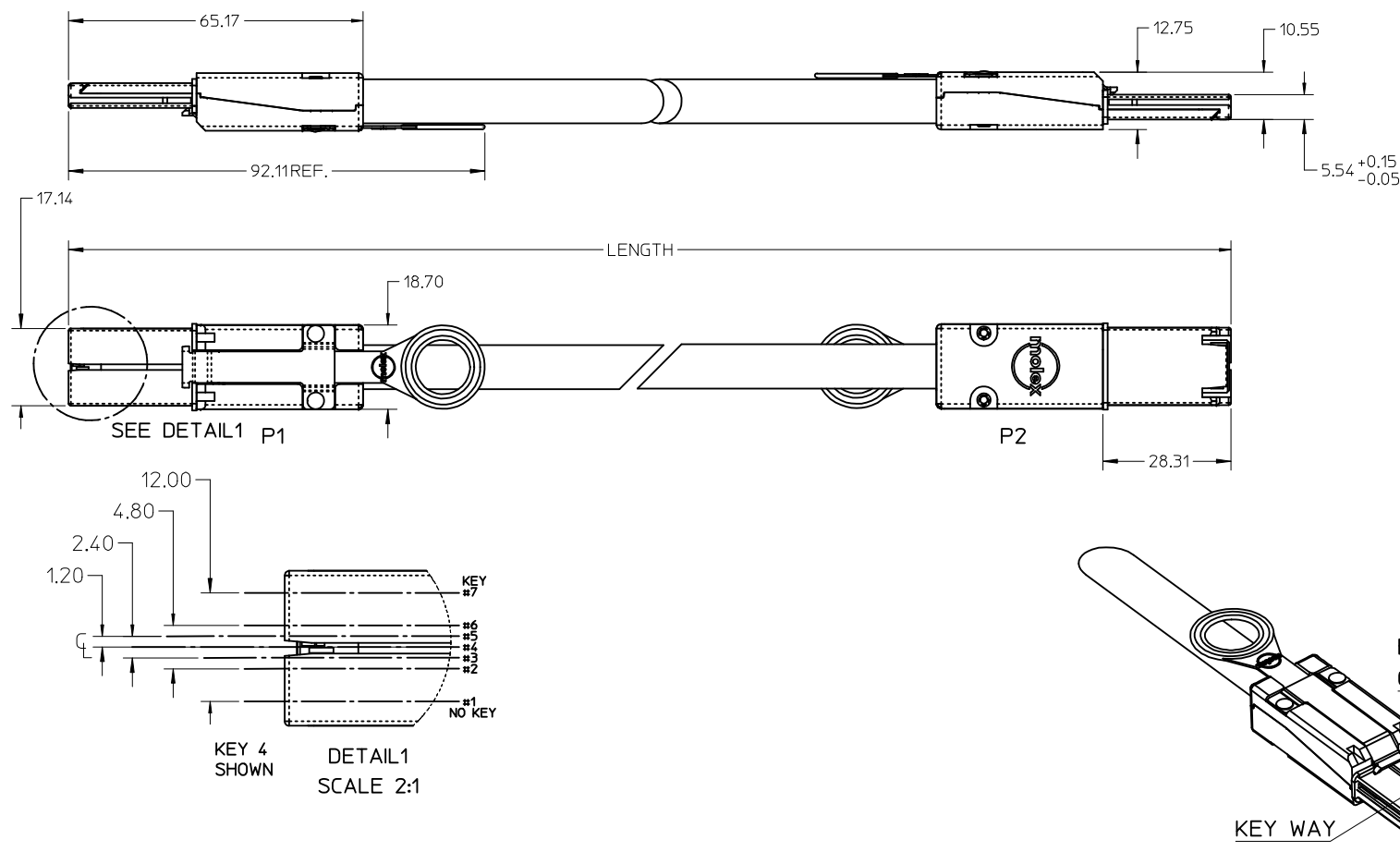




NOTES:

1. MATERIAL=
BACKSHELLS - ZINC DIECAST
PULL - MOLDED PLASTIC
2. LENGTH- SEE TABLE
3. ELECTRICAL PERFORMANCE PER SERIAL ATTACH SCSI 1.1
4. PLUG MATES TO RECEPTACLE 75586 SERIES, AND EMI HOUSING ASSY, 74548-0100
5. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)

IPASS™ IS A TRADEMARK OF MOLEX

ENTER DESCRIPTION EC NO: USY2009-0319 DRAWN: JERWIN 2009/02/10 CHKD: BSCHOESTER APPR: DDOYE 2009/02/13	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY KPHILLIPS	DATE 2005/28/07	TITLE I-PASS 26 CKT EXTERNAL CABLE ASSEMBLY, PLUG TO PLUG			
		4 PLACES	± ---	± ---	CHECKED BY BREED	DATE 2005/28/07				
		3 PLACES	± ---	± ---	APPROVED BY DDOYE		DATE 2005/28/07	molex MOLEX INCORPORATED		
		2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.			
		1 PLACE	± 0.25	± ---	SEE TABLE		SD-74547-100	1 OF 4		
		ANGULAR ±1/2°								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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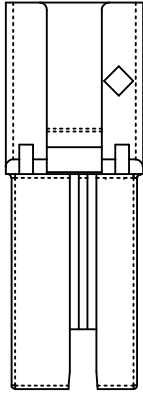
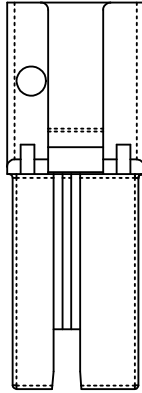
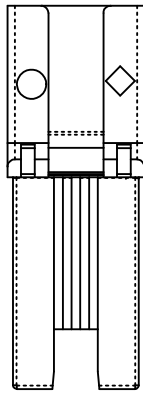
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74547

KEYING IDENTIFIER
SASTABLE
ROUTINGSUBTRACTIVE
ROUTINGUNIVERSAL
KEY

MATERIAL NUMBER	DESCRIPTION	GAUGE	LENGTH	TOLERANCE	KEY	IDENTIFIER
745470101	X4 SAS CABLE ASSEMBLY	28 AWG	1M	±.03	2.4	TABLE ROUTING (OUT PORT), SAS
745470102	X4 SAS CABLE ASSEMBLY	28 AWG	2M	±.03	2.4	TABLE ROUTING (OUT PORT), SAS
745470103	X4 SAS CABLE ASSEMBLY	28 AWG	3M	±.06	2.4	TABLE ROUTING (OUT PORT), SAS
745470104	X4 SAS CABLE ASSEMBLY	28 AWG	4M	±.06	2.4	TABLE ROUTING (OUT PORT), SAS
745470105	X4 SAS CABLE ASSEMBLY	26 AWG	5M	±.09	2.4	TABLE ROUTING (OUT PORT), SAS
745470106	X4 SAS CABLE ASSEMBLY	24 AWG	6M	±.09	2.4	TABLE ROUTING (OUT PORT), SAS
745470107	X4 SAS CABLE ASSEMBLY	24 AWG	7M	±.12	2.4	TABLE ROUTING (OUT PORT), SAS
745470108	X4 SAS CABLE ASSEMBLY	24 AWG	8M	±.12	2.4	TABLE ROUTING (OUT PORT), SAS
745470109	X4 SAS CABLE ASSEMBLY	28 AWG	0.25M	±.03	2.4	TABLE ROUTING (OUT PORT), SAS
745470110	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	±.03	2.4	TABLE ROUTING (OUT PORT), SAS
745470201	X4 SAS CABLE ASSEMBLY	28 AWG	1M	±.03	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470202	X4 SAS CABLE ASSEMBLY	28 AWG	2M	±.03	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470203	X4 SAS CABLE ASSEMBLY	28 AWG	3M	±.06	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470204	X4 SAS CABLE ASSEMBLY	28 AWG	4M	±.06	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470205	X4 SAS CABLE ASSEMBLY	26 AWG	5M	±.09	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470206	X4 SAS CABLE ASSEMBLY	24 AWG	6M	±.09	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470207	X4 SAS CABLE ASSEMBLY	24 AWG	7M	±.12	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470208	X4 SAS CABLE ASSEMBLY	24 AWG	8M	±.12	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470209	X4 SAS CABLE ASSEMBLY	28 AWG	0.25M	±.03	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470210	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	±.03	4.6	SUBTRACTIVE ROUTING (IN PORT), SAS
745470301	X4 SAS CABLE ASSEMBLY	28 AWG	1M	±.03	4.6	UNIVERSAL KEY, SAS
745470302	X4 SAS CABLE ASSEMBLY	28 AWG	2M	±.03	4.6	UNIVERSAL KEY, SAS
745470303	X4 SAS CABLE ASSEMBLY	28 AWG	3M	±.06	4.6	UNIVERSAL KEY, SAS
745470304	X4 SAS CABLE ASSEMBLY	28 AWG	4M	±.06	4.6	UNIVERSAL KEY, SAS
745470305	X4 SAS CABLE ASSEMBLY	26 AWG	5M	±.09	4.6	UNIVERSAL KEY, SAS
745470306	X4 SAS CABLE ASSEMBLY	24 AWG	6M	±.09	4.6	UNIVERSAL KEY, SAS
745470307	X4 SAS CABLE ASSEMBLY	24 AWG	7M	±.12	4.6	UNIVERSAL KEY, SAS
745470308	X4 SAS CABLE ASSEMBLY	24 AWG	8M	±.12	4.6	UNIVERSAL KEY, SAS
745470309	X4 SAS CABLE ASSEMBLY	28 AWG	0.25M	±.03	4.6	UNIVERSAL KEY, SAS
745470310	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	±.03	4.6	UNIVERSAL KEY, SAS
745470350	X4 SAS CABLE ASSEMBLY	24 AWG	10M	±.15	4.6	UNIVERSAL KEY, SAS
MATERIAL NUMBER	DESCRIPTION	GAUGE	LENGTH	TOLERANCE	KEY	IDENTIFIER
					P1 - P2	
745470119	X4 SAS CABLE ASSEMBLY	28 AWG	0.5M	±.03	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBTRACTIVE ROUTING (IN PORT)
745470120	X4 SAS CABLE ASSEMBLY	28 AWG	1M	±.03	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBTRACTIVE ROUTING (IN PORT)
745470121	X4 SAS CABLE ASSEMBLY	28 AWG	2M	±.06	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBTRACTIVE ROUTING (IN PORT)
745470122	X4 SAS CABLE ASSEMBLY	28 AWG	3M	±.06	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBTRACTIVE ROUTING (IN PORT)
745470123	X4 SAS CABLE ASSEMBLY	28 AWG	4M	±.03	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBTRACTIVE ROUTING (IN PORT)
745470124	X4 SAS CABLE ASSEMBLY	26 AWG	5M	±.09	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBTRACTIVE ROUTING (IN PORT)
745470125	X4 SAS CABLE ASSEMBLY	24 AWG	6M	±.09	2.4-4.6	SAS, TABLE ROUTING (OUT PORT), TO SUBTRACTIVE ROUTING (IN PORT)

△-NOT COMPLIANT WITH INSERTION
LOSS SPEC PER SAS 1.1

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ENTER DESCRIPTION EC NO: USY2009-0319 DRWN: JERWIN 2009/02/10 CHKD: SCHOESETER 2009/02/13 APPR: DOOYE 2009/02/23 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY DATE KPHILLIPS 2005/28/07		TITLE			
				CHECKED BY DATE BREED 2005/28/07		I-PASS 26 CKT EXTERNAL CABLE ASSEMBLY, PLUG TO PLUG			
				APPROVED BY DATE DOOYE 2005/28/07		MOLEX MOLEX INCORPORATED			
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-74547-100		2 OF 4	
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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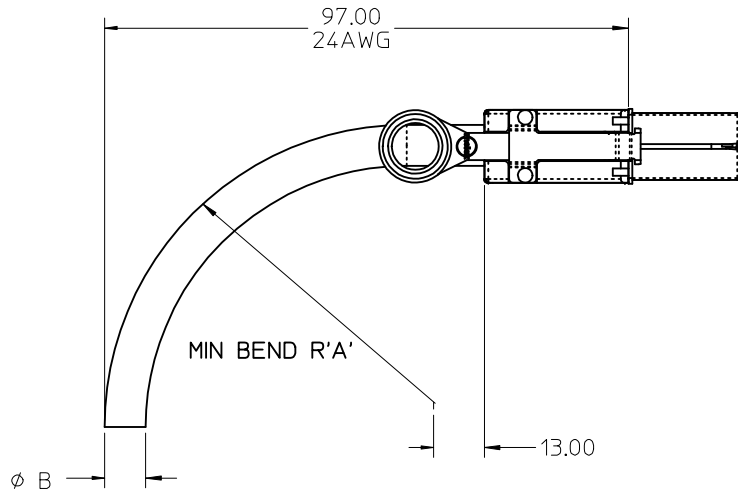
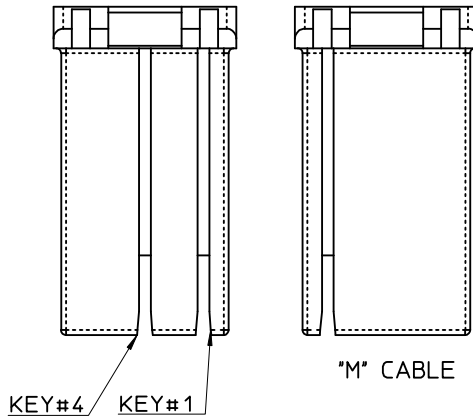
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10 9 8 7 6 5 4 3 2 1



CABLE	A	B
24AWG	41.6	10.40
26AWG	37.2	9.30
28AWG	33.6	8.40

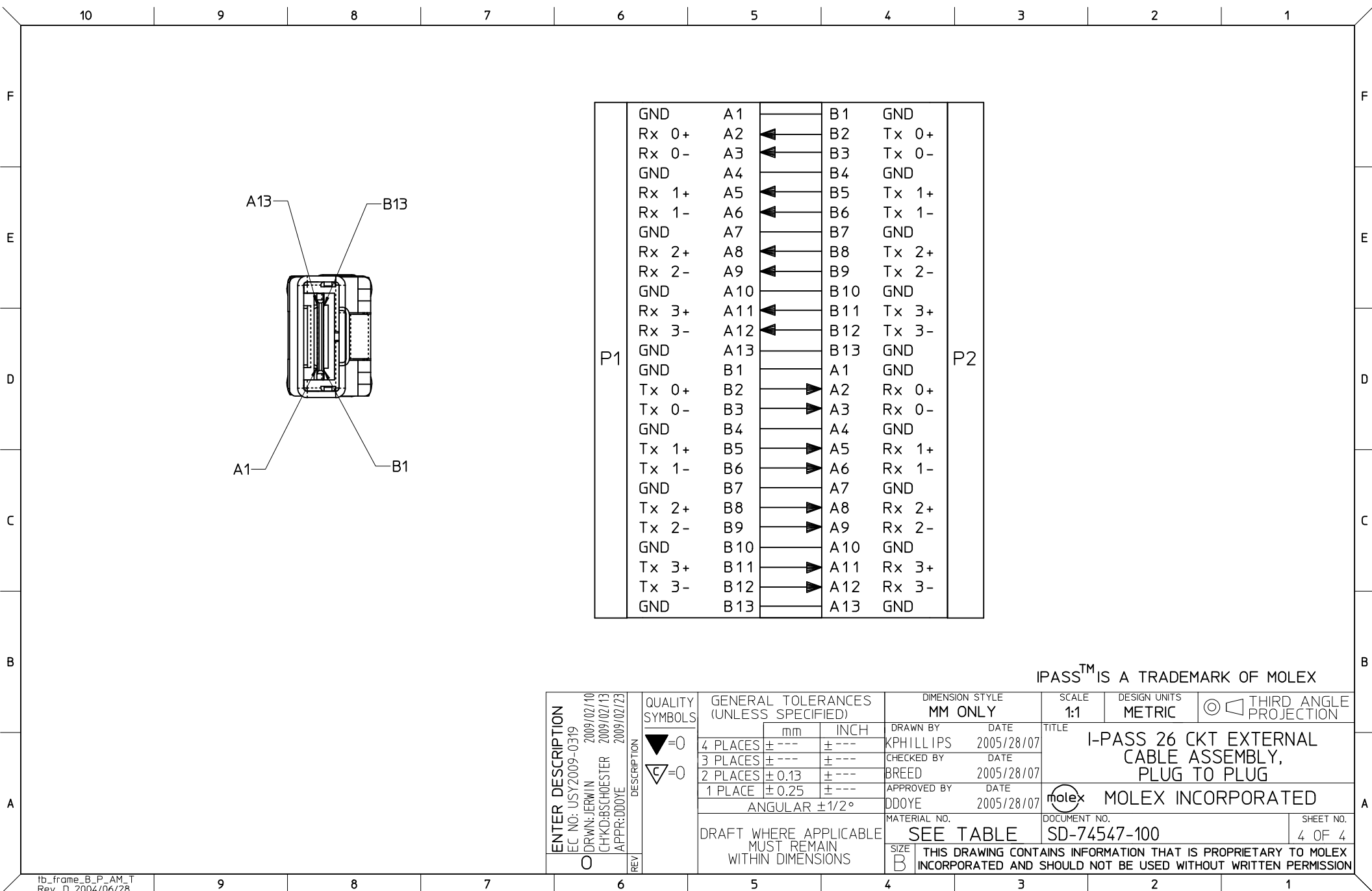
MATERIAL NUMBER	DESCRIPTION	GAUGE	LENGTH	TOLERANCE	KEY	IDENTIFIER
745470001	X4 SATA CABLE ASSEMBLY	28 AWG	1M	±.03	1.4	X CABLE, SATA
745470002	X4 SATA CABLE ASSEMBLY	28 AWG	2M	±.03	1.4	X CABLE, SATA
745470003	X4 SATA CABLE ASSEMBLY	28 AWG	3M	±.06	1.4	X CABLE, SATA
745470004	X4 SATA CABLE ASSEMBLY	28 AWG	4M	±.06	1.4	X CABLE, SATA
745470005	X4 SATA CABLE ASSEMBLY	26 AWG	5M	±.09	1.4	X CABLE, SATA
745470006	X4 SATA CABLE ASSEMBLY	24 AWG	6M	±.09	1.4	X CABLE, SATA
745470007	X4 SATA CABLE ASSEMBLY	24 AWG	7M△	±.12	1.4	X CABLE, SATA
745470008	X4 SATA CABLE ASSEMBLY	24 AWG	8M△	±.12	1.4	X CABLE, SATA
745470009	X4 SATA CABLE ASSEMBLY	28 AWG	0.25M	±.03	1.4	X CABLE, SATA
745470011	X4 SATA CABLE ASSEMBLY	28 AWG	0.5M	±.03	1.4	X CABLE, SATA
745470401	X4 SATA CABLE ASSEMBLY	28 AWG	1M	±.03	7	M CABLE, SATA
745470402	X4 SATA CABLE ASSEMBLY	28 AWG	2M	±.03	7	M CABLE, SATA
745470403	X4 SATA CABLE ASSEMBLY	28 AWG	3M	±.06	7	M CABLE, SATA
745470404	X4 SATA CABLE ASSEMBLY	28 AWG	4M	±.06	7	M CABLE, SATA
745470405	X4 SATA CABLE ASSEMBLY	26 AWG	5M	±.09	7	M CABLE, SATA
745470406	X4 SATA CABLE ASSEMBLY	24 AWG	6M	±.09	7	M CABLE, SATA
745470407	X4 SATA CABLE ASSEMBLY	24 AWG	7M	±.12	7	M CABLE, SATA
745470408	X4 SATA CABLE ASSEMBLY	24 AWG	8M	±.12	7	M CABLE, SATA
745470409	X4 SATA CABLE ASSEMBLY	28 AWG	0.25M	±.03	7	M CABLE, SATA
745470410	X4 SATA CABLE ASSEMBLY	28 AWG	0.5M	±.03	7	M CABLE, SATA

△ - NOT COMPLIANT WITH INSERTION
LOSS SPEC PER 1.1.

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ENTER DESCRIPTION EC NO: USY2009-0319 DRWN: JERWIN 2009/02/10 CHKD: BSCHOESTER 2009/02/13 APPR: DDOYE 2009/02/23 O		DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ◎ □			
					DRAWN BY DATE		TITLE I-PASS 26 CKT EXTERNAL CABLE ASSEMBLY, PLUG TO PLUG					
					KPHILLIPS 2005/28/07							
					CHECKED BY DATE							
					BREED 2005/28/07							
					APPROVED BY DATE		MOLEX MOLEX INCORPORATED					
					DDOYE 2005/28/07							
					MATERIAL NO.		DOCUMENT NO.					SHEET NO.
					SEE TABLE		SD-74547-100					3 OF 4
					SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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ENTER DESCRIPTION EC NO: USY2009-0319 DRAWN: JERWIN 2009/02/10 CHKD: BSCHOESTER 2009/02/13 APPR: DDOYE 2009/02/23	DESCRIPTION	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY KPHILLIPS	DATE 2005/28/07	TITLE I-PASS 26 CKT EXTERNAL CABLE ASSEMBLY, PLUG TO PLUG			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	BREED	2005/28/07	MOLEX INCORPORATED			
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE				
			1 PLACE	± 0.25	± ---	DDOYE	2005/28/07				
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO. SD-74547-100			SHEET NO. 4 OF 4	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		SEE TABLE				
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						