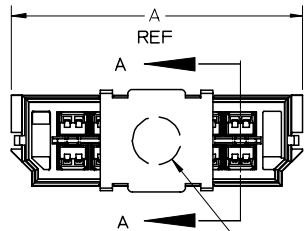
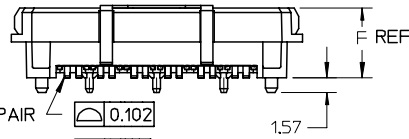
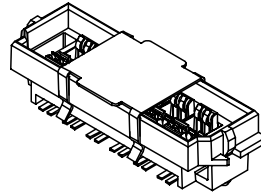


NOTES:

- 1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0, NATURAL
CHICKLET - LIQUID CRYSTAL POLYMER, UL94 V-0, BLACK
CONTACT - TIN BRASS
- 2) CONTACT PLATING FINISH:
0.76 MICRON MIN. SELECT GOLD AND
3.81 MICRON MIN. SELECT PURE TIN OVER
1.27 MICRON MIN. NICKEL OVERALL
- 3) HOUSING PLATING FINISH:
0.10 MICRON MAX. IMMERSION GOLD OVER
3.81 MICRON MIN. NICKEL OVER
3.81 MICRON MIN. COPPER OVERALL
- 4) 4.5mm 12 PAIR PLUG ASSEMBLY SHOWN.
- 5) PART CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-75005-002.
- 6) PART PERFORMS TO MOLEX PRODUCT SPECIFICATION PS-75005-001.
- 7) PACKAGE PER PK-75003-002.
- 8) FOR AUTO-PLACEMENT APPLICATIONS: PCB ORIENTATION HOLE TO BE $\varnothing 1.65 \pm 0.05$
FOR HAND PLACEMENT APPLICATIONS: PCB ORIENTATION HOLE TO BE $\varnothing 1.45 \pm 0.05$
- 9) THIS DIMENSION CONTROLS THE STACK HEIGHT OF THE MATED CONNECTORS.
- 10) PLEASE REFER TO MOLEX APPLICATION SPECIFICATION AS-75005-001 FOR SUITABLE PROCESSING TEMPERATURES, PERMISSABLE OFFSETS, AND MATING SEQUENCES.
- 11) THESE PLATED THRU HOLES SHOULD BE CONNECTED TO SIGNAL GROUND.
- 12) THIS PART MATES WITH THE 75005 RECEPTACLE.
- 13) THIS PART IS RECOMMENDED TO BE PLACED ON THE MEZZANINE CARD.
- 14) HOUSING IS CONDUCTIVE, UNINSULATED TRACES MUST BE KEPT OUT OF KEEP-OUT ZONE.
- 15) EACH SIDE IS MEASURED TO A COMMON DATUM WITH-IN A COPLANARITY OF 0.102mm FOR 6 AND 12 PAIR, 0.114mm FOR 24 PAIR AND 0.127mm FOR 36 PAIR. THE SIDES MAY VARY TO EACH OTHER BY 0.05mm MAX.



$\varnothing 5.00$ MAX PICK AND PLACE AREA

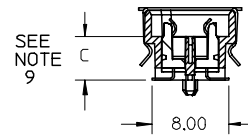
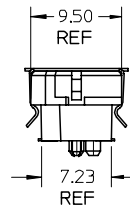


FOR 6 AND 12 PAIR $\varnothing 0.102$

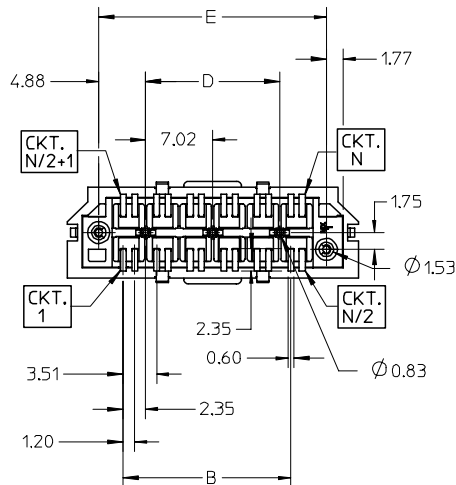
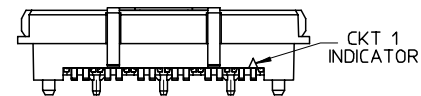
FOR 24 PAIR $\varnothing 0.114$

FOR 36 PAIR $\varnothing 0.127$

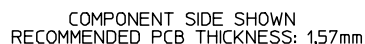
N SURFACES
N = # OF CIRCUITS
(SEE NOTE 15)



SECTION A-A

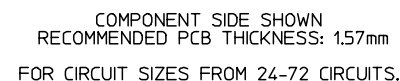


ADD KEEP-OUT ZONES EC NO: UCP2007-0343 DRWN:MSIBARRA 2006/10/25 CHKD:BBARKER 2006/10/27 APPR:SMILLER 2006/10/30	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
					DIMENSION STYLE MM ONLY			TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE PLUG				
			 - 0	mm	INCH	DRAWN BY KSTILES					DATE 2001/10/24	
			 - 0	4 PLACES	± ---	± ---	CHECKED BY KREGNIER		DATE 2001/10/25		MOLEX INCORPORATED	
				3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2001/12/13			
 - 0	2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75003-001		SHEET NO. 1 OF 8				
	1 PLACE	± 0.25	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						B		
			ANGULAR ±1/2°									
			DRAFT WHERE APPLICABLE									
			MUST REMAIN WITHIN DIMENSIONS									



FOR 12 CIRCUIT OPTION.

FOR DIMENSIONS NOT SHOWN REFER TO
THE 24-72 CIRCUIT PCB LAYOUT.



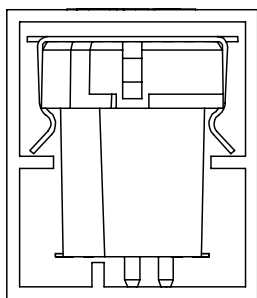
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE COMMON TO BOTH VIEWS

NOTE:

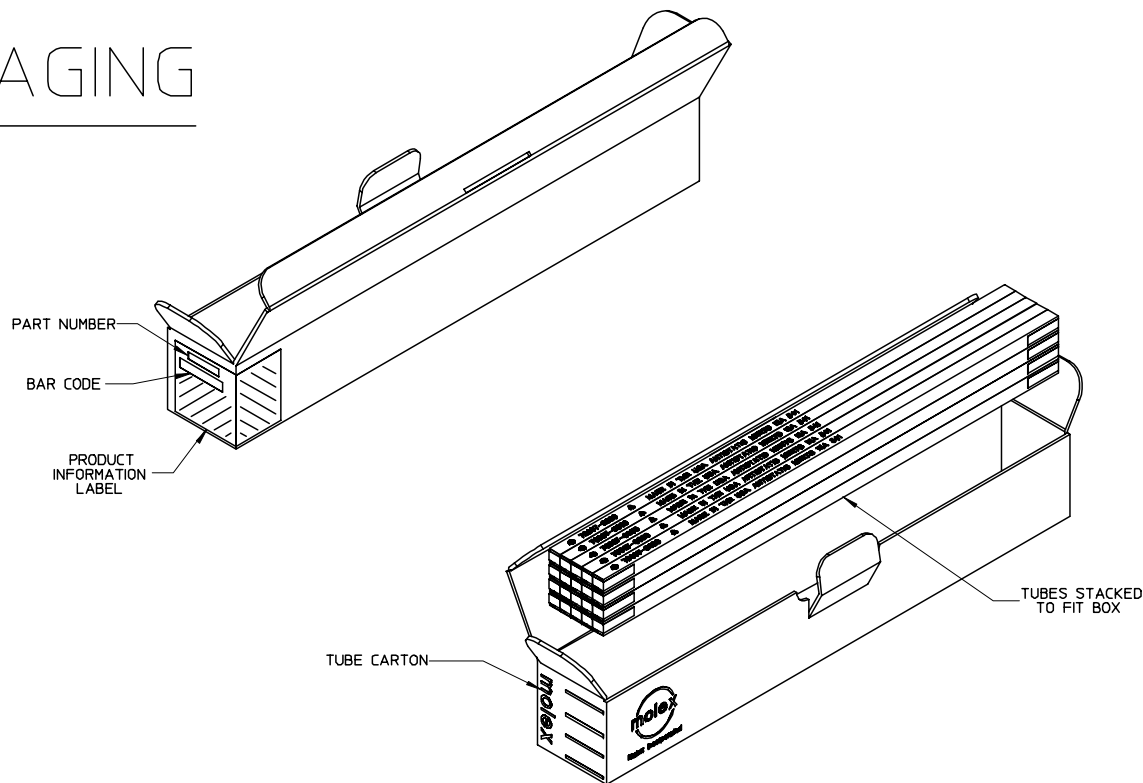
1. NO FEATURES (INCLUDING SOLDER PASTE) WHICH RISE ABOVE THE PCB SURFACE ALLOWED IN THIS AREA.

ADD KEEP-OUT ZONES EC NO: UCP2007-0343 DRWN:MSBARRA 2006/10/25 CHKD:BBARKER 2006/10/27 APPR: SMILLER 2006/10/30	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
		-0 -0		mm	INCH	DIMENSION STYLE MM ONLY		TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE PLUG		
			4 PLACES	± ---	± ---	DRAWN BY DATE				
			3 PLACES	± ---	± ---	KSTILES 2001/10/24				
			2 PLACES	± 0.13	± ---	CHECKED BY DATE				
		1 PLACE	± 0.25	± ---	KREGNIER 2001/10/25		MOLEX INCORPORATED			
			ANGULAR ±1/2°		APPROVED BY DATE	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
			DRAFT WHERE APPLICABLE		MBANAKIS 2001/12/13		SEE CHART		SD-75003-001	2 OF 8
			MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					B

TUBE PACKAGING

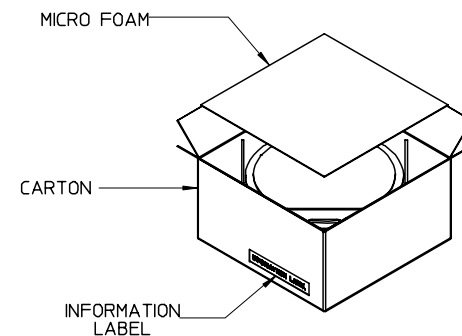
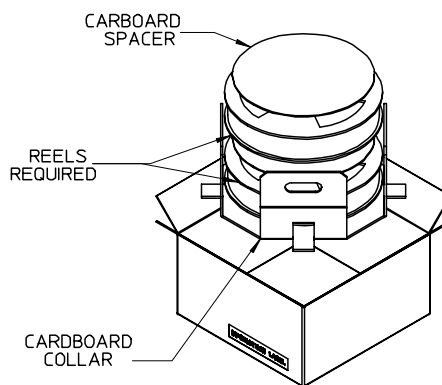
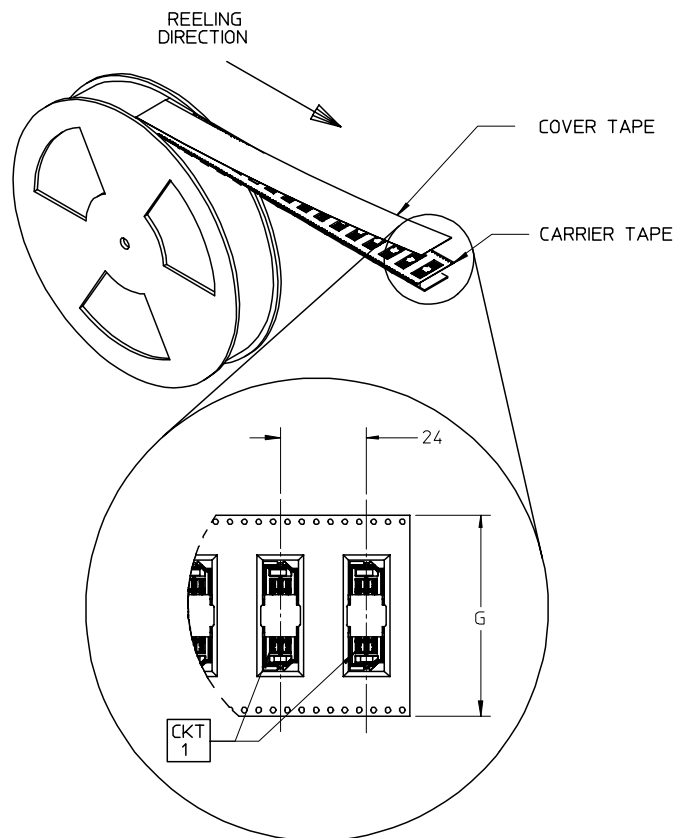


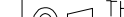
ORIENTATION OF PART IN TUBE



UPDATE REV LEVEL EC NO: UCP2007-0343 DRWN:MSIBARRA 2006/10/25 CHKD:BBARKER 2006/10/27 APPR:SMILLER 2006/10/30		QUALITY SYMBOLS ▽-0 ▽-0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
			mm	INCH	DIMENSION STYLE MM ONLY		TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE PLUG			
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY DATE KSTILES 2001/10/24					
			2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	CHECKED BY DATE KREGNIER 2001/10/25		MOLEX MOLEX INCORPORATED			
		ANGULAR ±1/2°		APPROVED BY DATE MBANAKIS 2001/12/13		MATERIAL NO. DOCUMENT NO. SEE CHART SD-75003-001				SHEET NO. 3 OF 8
G		REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					B

TAPE AND REEL PACKAGING



UPDATE REV LEVEL EC NO: UCP2007-0343 DRWN:MSIBARRA 2006/10/25 CHKD:BBARKER 2006/10/27 APPR:SWILLER 2006/10/30		QUALITY SYMBOLS ▽-0 ▽-0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
					DIMENSION STYLE MM ONLY		TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE PLUG			
					DRAWN BY KSTILES					DATE 2001/10/24
					CHECKED BY KREGNIER		DATE 2001/10/25		MOLEX MOLEX INCORPORATED	
					APPROVED BY MBANAKIS		DATE 2001/12/13			
					MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75003-001		SHEET NO. 4 OF 8	
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		B			

PACKAGED IN TUBES

NUMBER OF CIRCUITS	NUMBER OF DIFFERENTIAL PAIRS	MATERIAL NUMBER	A	B	C	D	E	F	PARTS PER TUBE
12	6	NOT TOOLED	19.93	7.02	4.50	3.52	13.27	7.25	NOT TOOLED
12	6	750030305	19.93	7.02	5.50	3.52	13.27	8.25	28
12	6	NOT TOOLED	19.93	7.02	6.50	3.52	13.27	9.25	NOT TOOLED
12	6	750030308	19.93	7.02	8.50	3.52	13.27	11.25	28
12	6	750030310	19.93	7.02	10.50	3.52	13.27	13.25	28
12	6	NOT TOOLED	19.93	7.02	12.50	3.52	13.27	15.25	NOT TOOLED
24	12	NOT TOOLED	30.46	17.55	4.50	14.05	23.80	7.25	NOT TOOLED
24	12	750030005	30.46	17.55	5.50	14.05	23.80	8.25	18
24	12	NOT TOOLED	30.46	17.55	6.50	14.05	23.80	9.25	NOT TOOLED
24	12	750030008	30.46	17.55	8.50	14.05	23.80	11.25	18
24	12	750030010	30.46	17.55	10.50	14.05	23.80	13.25	18
24	12	NOT TOOLED	30.46	17.55	12.50	14.05	23.80	15.25	NOT TOOLED

UPDATE REV LEVEL		EC NO: UCP2007-0343		DRWN:MSIBARRA 2006/10/25		CHKD:BBARKER 2006/10/27		APPR:SMILLER 2006/10/30		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
DESCRIPTION		REV		▽.0		▽.0		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± ---		INCH		DIMENSION STYLE MM ONLY		DRAWN BY KSTILES 2001/10/24 CHECKED BY KREGNIER 2001/10/25 APPROVED BY MBANAKIS 2001/12/13		DATE		TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE PLUG MOLEX INCORPORATED		MATERIAL NO. SEE CHART DOCUMENT NO. SD-75003-001 SHEET NO. 5 OF 8	

PACKAGED IN TUBES

NUMBER OF CIRCUITS	NUMBER OF DIFFERENTIAL PAIRS	MATERIAL NUMBER	A	B	C	D	E	F	PARTS PER TUBE
48	24	NOT TOOLED	51.52	38.61	4.50	35.11	44.86	7.25	NOT TOOLED
48	24	750030105	51.52	38.61	5.50	35.11	44.86	8.25	10
48	24	NOT TOOLED	51.52	38.61	6.50	35.11	44.86	9.25	NOT TOOLED
48	24	NOT TOOLED	51.52	38.61	8.50	35.11	44.86	11.25	NOT TOOLED
48	24	750030110	51.52	38.61	10.50	35.11	44.86	13.25	10
48	24	NOT TOOLED	51.52	38.61	12.50	35.11	44.86	15.25	NOT TOOLED
72	36	NOT TOOLED	72.58	59.67	4.50	56.17	65.92	7.25	NOT TOOLED
72	36	750030205	72.58	59.67	5.50	56.17	65.92	8.25	7
72	36	NOT TOOLED	72.58	59.67	6.50	56.17	65.92	9.25	NOT TOOLED
72	36	NOT TOOLED	72.58	59.67	8.50	56.17	65.92	11.25	NOT TOOLED
72	36	750030210	72.58	59.67	10.50	56.17	65.92	13.25	7
72	36	NOT TOOLED	72.58	59.67	12.50	56.17	65.92	15.25	NOT TOOLED

UPDATE REV LEVEL		EC NO: UCP2007-0343		DRWN:MSIBARRA 2006/10/25		CHKD:BBARKER 2006/10/27		APPR:SMILLER 2006/10/30		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 3:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
DESCRIPTION		▽ = 0		▽C = 0		mm		INCH		DIMENSION STYLE MM ONLY		TITLE		SALES DRAWING FOR HIGH SPEED MEZZANINE PLUG MOLEX INCORPORATED							
						4 PLACES ± --- ± ---		DRAWN BY KSTILES		DATE 2001/10/24											
						3 PLACES ± --- ± ---		CHECKED BY		DATE											
						2 PLACES ± 0.13 ± ---		KREGNIER		2001/10/25											
						1 PLACE ± 0.25 ± ---		APPROVED BY MBANAKIS		DATE 2001/12/13											
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75003-001		SHEET NO. 6 OF 8		B							

PACKAGED IN TAPE AND REEL

NUMBER OF CIRCUITS	NUMBER OF DIFFERENTIAL PAIRS	MATERIAL NUMBER	A	B	C	D	E	F	CARRIER TAPE WIDTH G	PARTS PER REEL
12	6	NOT TOOLED	19.93	7.02	4.50	3.52	13.27	7.25	NOT TOOLED	
12	6	750032305	19.93	7.02	5.50	3.52	13.27	8.25	NOT TOOLED	
12	6	NOT TOOLED	19.93	7.02	6.50	3.52	13.27	9.25	NOT TOOLED	
12	6	750032308	19.93	7.02	8.50	3.52	13.27	11.25	NOT TOOLED	
12	6	750032310	19.93	7.02	10.50	3.52	13.27	13.25	NOT TOOLED	
12	6	NOT TOOLED	19.93	7.02	12.50	3.52	13.27	15.25	NOT TOOLED	
24	12	NOT TOOLED	30.46	17.55	4.50	14.05	23.80	7.25	NOT TOOLED	
24	12	750032005	30.46	17.55	5.50	14.05	23.80	8.25	NOT TOOLED	
24	12	NOT TOOLED	30.46	17.55	6.50	14.05	23.80	9.25	NOT TOOLED	
24	12	750032008	30.46	17.55	8.50	14.05	23.80	11.25	56	186
24	12	750032010	30.46	17.55	10.50	14.05	23.80	13.25	NOT TOOLED	
24	12	NOT TOOLED	30.46	17.55	12.50	14.05	23.80	15.25	NOT TOOLED	

UPDATE REV LEVEL EC NO: UCP2007-0343 IDRW: MSIBARRA 2006/10/25 CHKD: BBARKER 2006/10/27 APPR: SWILLER 2006/10/30 G	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
				DIMENSION STYLE MM ONLY		TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE PLUG		
		4 PLACES ± ---	± ---	DRAWN BY KSTILES	DATE 2001/10/24	MOLEX MOLEX INCORPORATED		
		3 PLACES ± ---	± ---	CHECKED BY KREGNIER	DATE 2001/10/25	MATERIAL NO. SEE CHART		
		2 PLACES ± 0.13	± ---	APPROVED BY MBANAKIS	DATE 2001/12/13	DOCUMENT NO. SD-75003-001	SHEET NO. 7 OF 8	
		1 PLACE ± 0.25	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		ANGULAR ±1/2°						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

PACKAGED IN TAPE AND REEL

NUMBER OF CIRCUITS	NUMBER OF DIFFERENTIAL PAIRS	MATERIAL NUMBER	A	B	C	D	E	F	CARRIER TAPE WIDTH G	PARTS PER REEL
48	24	NOT TOOLED	51.52	38.61	4.50	35.11	44.86	7.25	NOT TOOLED	
48	24	750032105	51.52	38.61	5.50	35.11	44.86	8.25	NOT TOOLED	
48	24	NOT TOOLED	51.52	38.61	6.50	35.11	44.86	9.25	NOT TOOLED	
48	24	NOT TOOLED	51.52	38.61	8.50	35.11	44.86	11.25	NOT TOOLED	
48	24	750032110	51.52	38.61	10.50	35.11	44.86	13.25	72	160
48	24	NOT TOOLED	51.52	38.61	12.50	35.11	44.86	15.25	NOT TOOLED	
72	36	NOT TOOLED	72.58	59.67	4.50	56.17	65.92	7.25	NOT TOOLED	
72	36	750032205	72.58	59.67	5.50	56.17	65.92	8.25	NOT TOOLED	
72	36	NOT TOOLED	72.58	59.67	6.50	56.17	65.92	9.25	NOT TOOLED	
72	36	NOT TOOLED	72.58	59.67	8.50	56.17	65.92	11.25	NOT TOOLED	
72	36	750032210	72.58	59.67	10.50	56.17	65.92	13.25	NOT TOOLED	
72	36	NOT TOOLED	72.58	59.67	12.50	56.17	65.92	15.25	NOT TOOLED	

UPDATE REV LEVEL		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 3:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		REVISE ON CAD ONLY							
EC NO: UCP2007-0343 DRWN:MSIBARRA 2006/10/25 CHKD:BBARKER 2006/10/27 APPR:SMILLER 2006/10/30		DESCRIPTION		mmINCH 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		TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE PLUG											
		▽=0				DRAWN BY DATE KSTILES 2001/10/24													
		▽C=0				CHECKED BY DATE KREGNIER 2001/10/25		MOLEX MOLEX INCORPORATED											
		REV				APPROVED BY DATE MBANAKIS 2001/12/13								MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75003-001		SHEET NO. 8 OF 8	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								B					