

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

4) 4.5mm 12 PAIR ASSEMBLY SHOWN.

5) PART CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-75005-002.

6) PART PERFORMS TO MOLEX PRODUCT SPECIFICATION PS-75005-001.

7) PACKAGING (SEE TABLE):

TAPE AND REEL: PER PK-75005-001.

TUBES: PER PK-75005-002.

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.

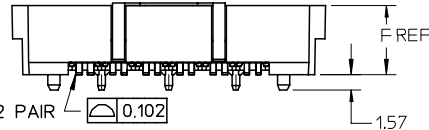
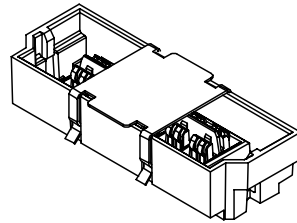
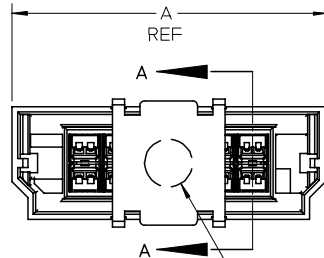
11) THESE PLATED THRU HOLES SHOULD BE CONNECTED TO SIGNAL GROUND.

12) THIS PART MATES WITH THE 75003 PLUG.

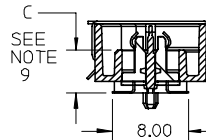
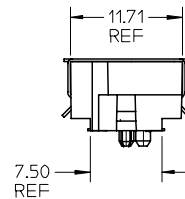
13) THIS PART IS RECOMMENDED TO BE PLACED ON THE PLANAR OR HOST PCB.

14) HOUSING IS CONDUCTIVE, UNINSULATED TRACES MUST BE KEPT OUT OF KEEP-OUT ZONE.

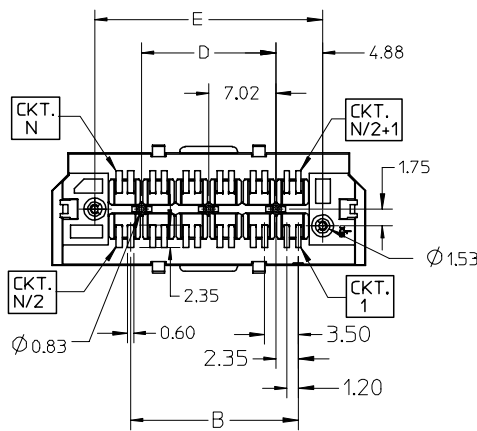
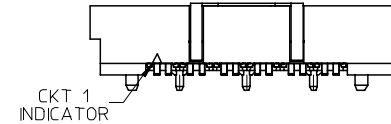
15) EACH SIDE IS MEASURED TO A COMMON DATUM WITHIN A COPLANARITY OF 0.102mm FOR 6 AND 12 PAIR, 0.114mm FOR 24 PAIR AND 0.127mm FOR 36 PAIR, THE SIDES MAY VARY TO EACH OTHER BY 0.05mm MAX.



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

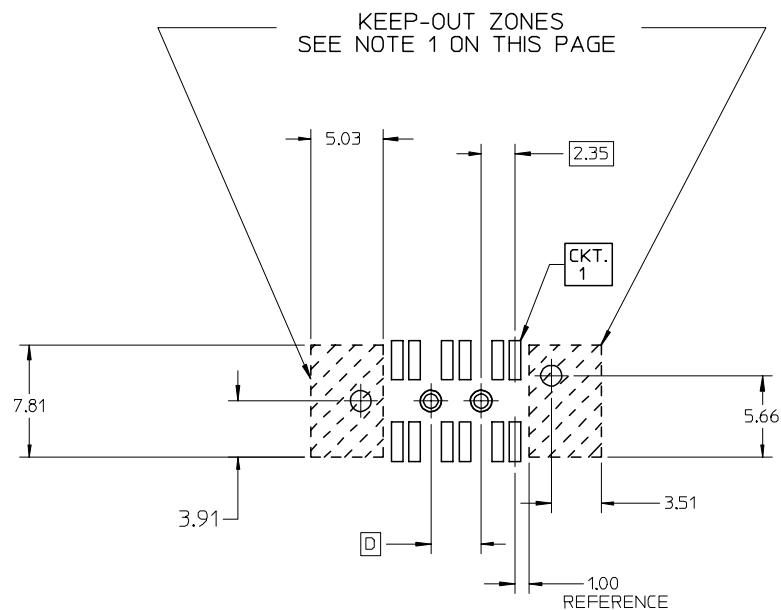


SECTION A-A



ADD KEEP-OUT ZONES EC NO: UCP2007-0343 DRWN:MSIBARRA 2006/10/25 CHKD:BBARKER 2006/10/27 APPR:SWILLER 2006/10/30	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
			mm		INCH	DIMENSION STYLE MM ONLY			TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE RECEPTACLE			
			4 PLACES	± ---	± ---	DRAWN BY						DATE
			3 PLACES	± ---	± ---	KSTILES			10/24/2001	MOLEX INCORPORATED		
			2 PLACES	± 0.13	± ---	CHECKED BY			DATE			
 -0  -0	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1 PLACE		± 0.25	± ---	KREGNIER		10/25/2001	 MOLEX		
			ANGULAR			±1/2°			APPROVED BY			DATE
			MBANAKIS			2001/12/13			MATERIAL NO.		DOCUMENT NO.	SHEET NO.
			SEE CHART			SD-75005-001			1 OF 3			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										B		

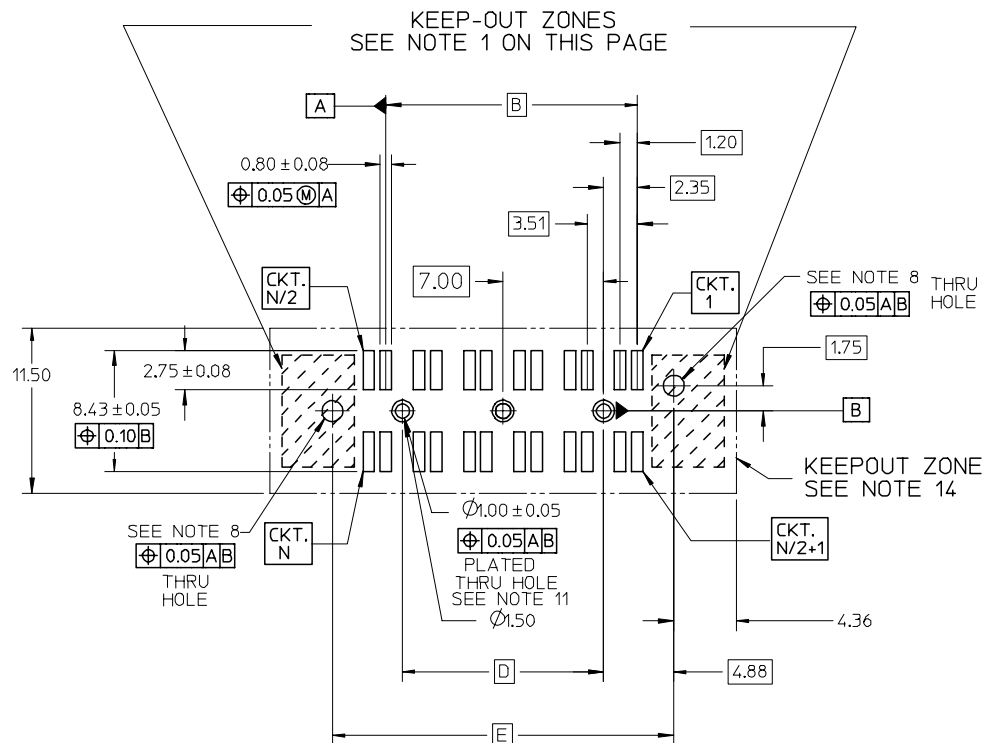
10 9 8 7 6 5 4 3 2 75005



COMPONENT SIDE SHOWN
RECOMMENDED PCB THICKNESS: 1.57mm

FOR 12 CIRCUIT OPTION

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



COMPONENT SIDE SHOWN
RECOMMENDED PCB THICKNESS: 1.57mm
FOR CIRCUIT SIZES FROM 24-72 CIRCUITS.

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:MSIBARRA 2006/10/25 CHKD:BBARKER 2006/10/27 APPR: SWILLER 2006/10/30	QUALITY SYMBOLS ▽ = 0 ◻ = 0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
H REV					DIMENSION STYLE MM ONLY		TITLE SALES DRAWING FOR HIGH SPEED MEZZANINE RECEPTACLE			
			4 PLACES ± --- ± ---		DRAWN BY DATE KSTILES 10/24/2001		MOLEX INCORPORATED			
			3 PLACES ± --- ± ---		CHECKED BY DATE KREGNIER 10/25/2001					
			2 PLACES ± 0.13 ± ---		APPROVED BY DATE MBANAKIS 2001/12/13		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75005-001	SHEET NO. 2 OF 3
			1 PLACE ± 0.25 ± ---							
		ANGULAR ±1/2°								
		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				

