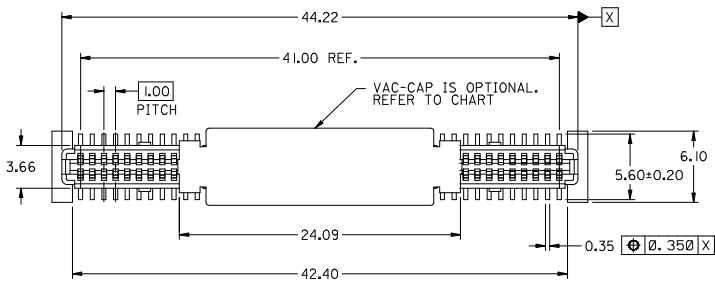
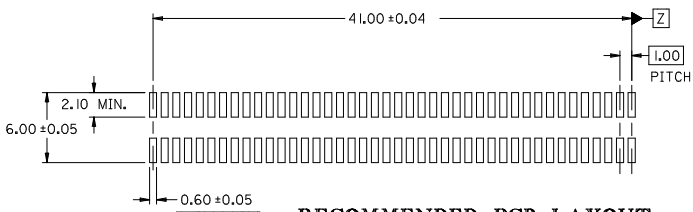
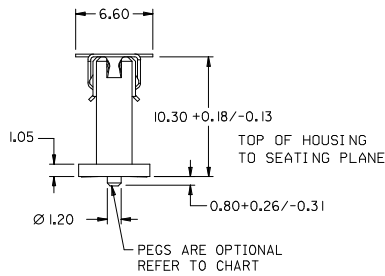
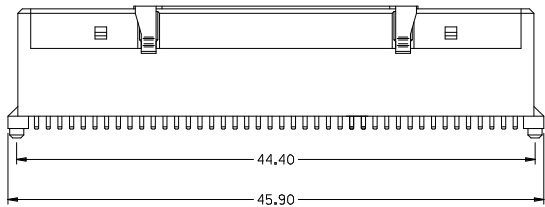


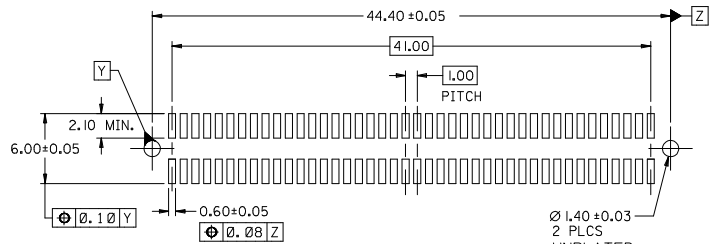
13 12 11 10 9 8 7 6 5 4 3 2 1



71742-3004	0.76 (30 MICRONCHI)	YES	YES	PK-70873-063	TAPE & REEL
71742-3003	0.25 (10 MICRONCHI)	YES	YES	PK-70873-063	TAPE & REEL
71742-3001	0.25 (10 MICRONCHI)	NO	YES	PK-70873-063	TAPE & REEL
ITEM NUMBER	CONTACT AREA PLATING MINIMUM GOLD THICKNESS IN MICROMETERS (SEE NOTES FOR OTHER PLATINGS)	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE



RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.



RECOMMENDED PCB LAYOUT WITH PEGS
RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.

NOTES:

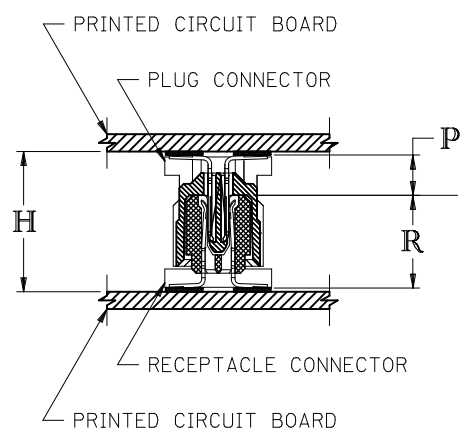
- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP);
UL RATING: 94V-0; COLOR: WHITE (NATURAL).
TERMINAL MATERIAL: PHOSPHOR BRONZE.
VACUUM CAP MATERIAL: STAINLESS STEEL.
- CONTACT FINISH:
SEE TABLE FOR THICKNESS OF GOLD PLATING IN CONTACT AREA.
1.90 MICROMETER MINIMUM TIN PLATING IN SOLDER TAIL AREA.
OVER NICKEL PLATING OVERALL.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71741-9999.
- DIMENSIONS ARE IN MILLIMETERS.
- PACKAGING SPECIFICATIONS: REFER TO CHART.

CLARIFY DIMENSIONS EC NO: LCP2009-2408 DRWNSBARKER 2009/04/20 CHKCDJORDAN 2009/04/20 APPR:SHILLER 2009/04/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	METRIC	⊙	
	▽=0	4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.13 ±--- 1 PLACE ±0.25 ±---	DRAWN BY DATE WGM 97/08/04	TITLE	SALES ASSY, 10MM 84 CKT BOARD-TO-BOARD RECPACLE 10.3 STACK HEIGHT	
		ANGULAR ±1/2°	CHECKED BY DATE DJB 97/08/04	APPROVED BY DATE DJB 97/08/04	MOLEX INCORPORATED	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	DOCUMENT NO. SDA-71742-3***	SHEET NO. 1 OF 2		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

13 12 11 10 9 8 7 6 5 4 3 2 1

RECOMMENDED PLUG/RECEPTACLE COMBINATION FOR MATED STACK HEIGHT PER EIA STANDARD 700 AAAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
15.00/.591	10.30/.406	71742-3***	4.30/..169	71741-0***
13.00/.512	10.30/.406	71742-3***	2.30/..091	71741-2***



PLUG STACK HEIGHT
 + RECEPTACLE STACK HEIGHT
 + 0.40/.016 (SOLDER PASTE ALLOWANCE)
 = MATED STACK HEIGHT

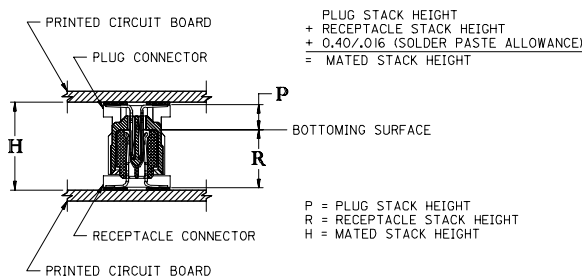
P = PLUG STACK HEIGHT
 R = RECEPTACLE STACK HEIGHT
 H = MATED STACK HEIGHT

SEE SHEET 1 EC NO. UCP2009-2408 2009/04/20 DRAWN BY: BARKER 2009/04/20 CHK: MORGAN 2009/04/21 APPR: STILLER	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ±.005 ±.005	mm	INCH	DRAWN BY WGM	DATE 97/08/04	TITLE SALES ASSY, 10MM 84 CKT BOARD-TO-BOARD RECEPTACLE 10.3 STACK HEIGHT		
		3 PLACES ±.005 ±.005	ANGULAR ±1/2°		CHECKED BY	DATE	MOLEX INCORPORATED		
		2 PLACES ±0.13 ±.005	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DJB	DATE 97/08/04	MATERIAL NO. SDA-71742-3***	DOCUMENT NO.	SHEET NO. 1 OF 2
1 PLACE ±0.25 ±.005	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

12 11 10 9 8 7 6 5 4 3 2 1

*RECOMMENDED PLUG/RECEPTACLE COMBINATION FOR MATED STACK HEIGHT PER EIA STANDARD 700 AAAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
*15.00/.591	10.30/.406	71742-3***	4.30/.169	71741-0***
13.00/.512	10.30/.406	71742-3***	2.30/..091	71741-2***



CHG TO NEW BORDER EC NO. UCP2007-1510 DRWNSBARER 2007/01/04 CHKCDIBARRA 2007/01/04 APPR:SNILLER 2007/01/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	MM/IN	---	METRIC		
	▽=0	4 PLACES ±	±	DRAWN BY	DATE	TITLE		
		3 PLACES ±	±	KAS	98/12/28	SALES ASSEMBLY, 1.0 MM 84 CKT., BTB RECEPTACLE 10.30/.406 STACK HEIGHT		
	2 PLACES ±	±	CHECKED BY	DATE	MOLEX INCORPORATED			
	1 PLACE ±	±	KAS	98/12/28				
			APPROVED BY	DATE				
			DJB	98/12/28				
			ANGULAR ±1/2°					
			MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
			SEE TABLE	SDA-71742-3***	2 OF 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					