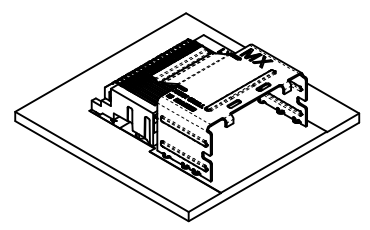
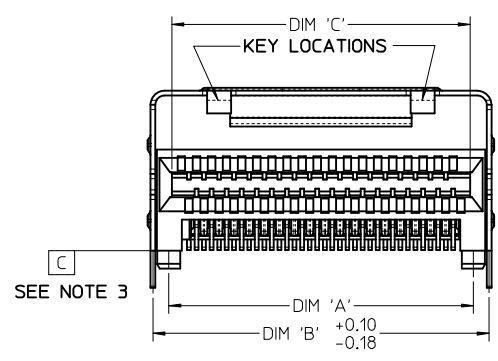


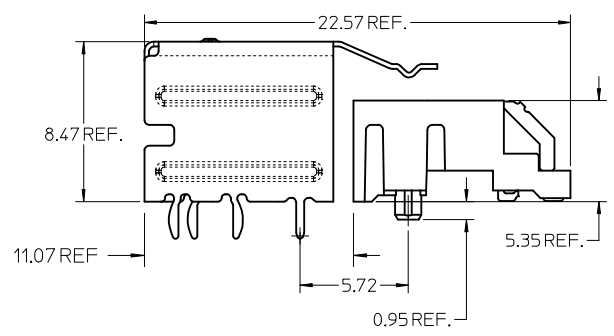
MOLD CAVITY ID FOR REFERENCE ONLY



- NOTES:
- MATERIAL:
    - CONNECTOR: HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
    - TERMINALS - COPPER ALLOY
    - SHELL: SILVER NICKEL, C770, THICKNESS: 0.250/0.254
  - FINISH:
    - CONNECTOR OPTION 1: CONTACT AREA - 0.384mm MIN GOLD OVER 2.54 μm NICKEL; SOLDER FOOT AREA - 2.54-5.094mm TIN OVER 1.27 μm NICKEL
    - CONNECTOR OPTION 2: CONTACT AREA - 0.764mm MIN GOLD OVER 2.54 μm NICKEL; SOLDER FOOT AREA - 2.54-5.094mm TIN OVER 1.27 μm NICKEL
  - TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.15 MEASURED FROM FRONT HOUSING STAND OFF (DATUM C)
  - DATE CODE: 4 DIGIT (3 DIGIT DAY, 1 DIGIT YEAR) CONNECTOR ONLY
  - CIRCUIT IDENTIFIER: SEE APPROPRIATE INDUSTRY SPECIFICATION FOR LOCATION OF PIN 1.
  - TO BE USED WITH THE FOLLOWING CABLE SERIES: 79575/74563/79576/74573/79536/74562/74586
  - PACKAGED PER PACKAGING SPECIFICATION: PK-75783-001
  - CONFORMS TO PRODUCT SPECIFICATION: PS-75783-001
  - PROCESS PER APPLICATION SPECIFICATION: AS-75783-001
  - THIS PART CONFORMS TO CLASS C REQUIREMENTS OF COSMETIC SPEC PS-45499-002



36 CIRCUIT RETENTION FIT SHELL OPTION SHOWN



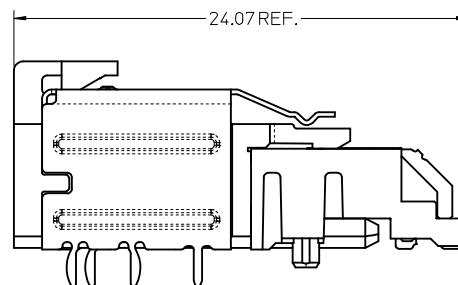
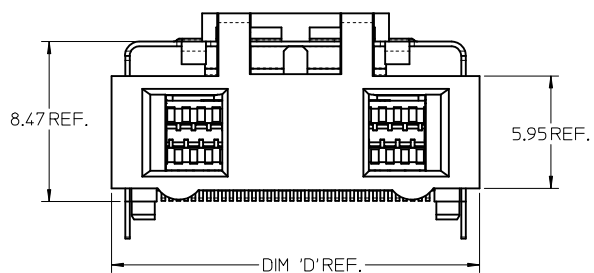
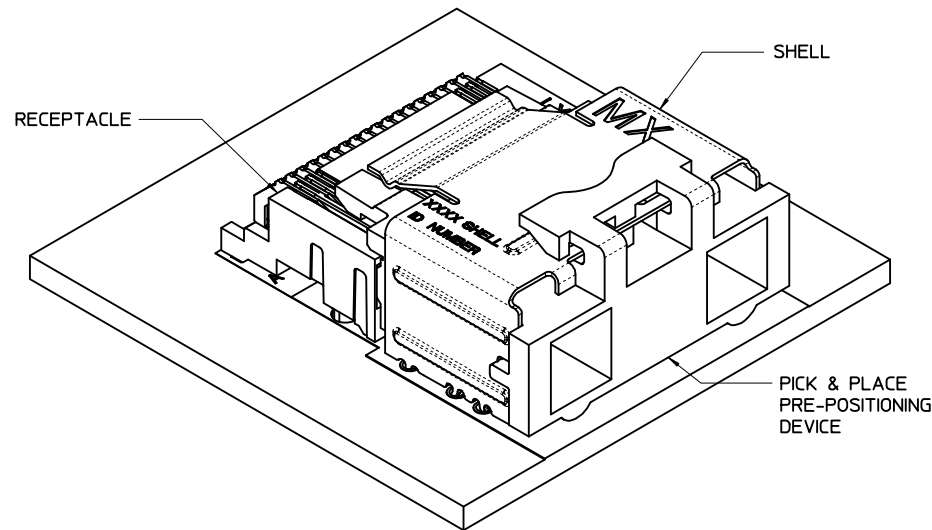
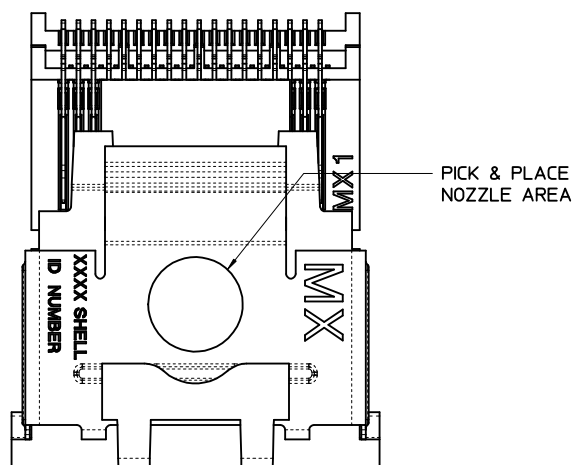
CIRCUIT SIZE	DIM 'A'	DIM 'B'	DIM 'C'
26	12.00	13.80	11.80
36	16.00	17.80	15.80
50	21.60	23.40	21.40
68	28.80	30.60	28.60

REV DATUM SYMBOL	EC NO: UCP2014-2246	DRINKB INGHAM 2013/12/26	CHKD: TMCLELLAND 2013/12/26	APPR: TMCLELLAND 2013/12/26
REV	DESCRIPTION	QUALITY SYMBOLS		
1		▽=0		
		▽=0		
		▽=0		

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
4 PLACES ± ---	mm	DRAWN BY KLANG	DATE 02/09/05	TITLE
3 PLACES ± ---	INCH	CHECKED BY JSWENSON	DATE 02/09/05	I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O
2 PLACES ± 0.13		APPROVED BY MBANAKIS	DATE 02/02/05	
1 PLACE ± 0.25		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75783-001
0 PLACE ±		ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

DRAWN BY KLANG		DATE 02/09/05	TITLE I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O
CHECKED BY JSWENSON		DATE 02/09/05	
APPROVED BY MBANAKIS		DATE 02/02/05	DOCUMENT NO. SD-75783-001
MATERIAL NO. SEE CHART		ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NO. 1 OF 12

# ASSEMBLY WITH PRE-POSITION DEVICE



36 CIRCUIT RETENTION-FIT SHELL OPTION SHOWN

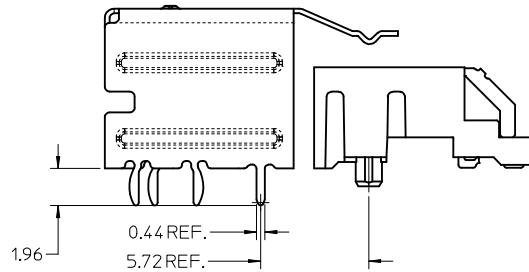
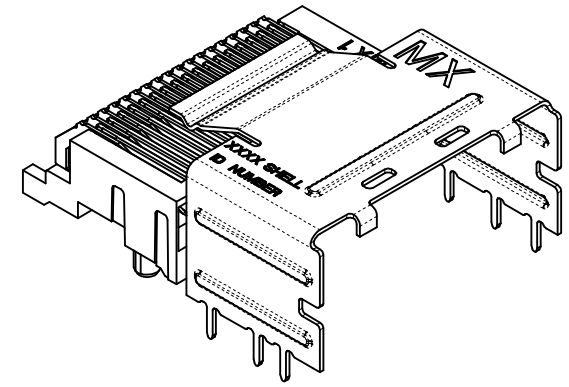
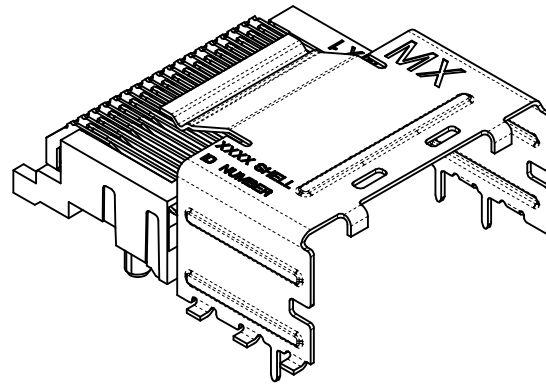
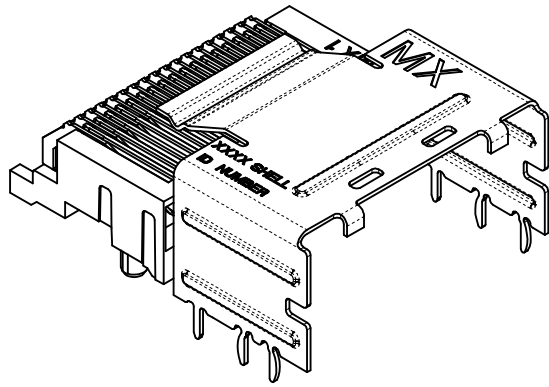
**NOTES:**

1. PICK AND PLACE AREA DEFINED IN APPLICATION SPECIFICATION, AS-75783-001
2. PACKAGING CONSISTS OF CONNECTOR AND SHELL WITH A PRE-POSITIONING PICK AND PLACE DEVICE THAT ARE PACKAGED IN 'TAPE AND REEL' FOR ROBOTIC PICK AND PLACE.

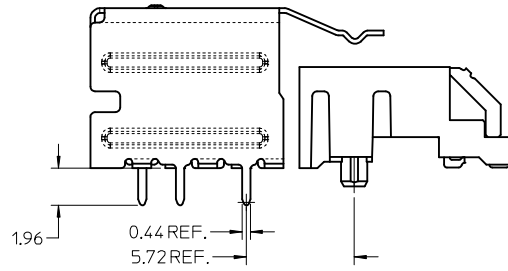
CIRCUIT SIZE	DIM 'D'
26	15.50
36	19.50
50	25.10
68	32.30

SEE SHEET 1 EC NO: UCP2014-2246 DRW:KINGHAM 2013/12/26 CHKD:MCLELLAND 2013/12/26 APPR:MCLELL 2013/12/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	5:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE			TITLE
	▽=0	3 PLACES ± --- ± ---	KLING 02/09/05	CHECKED BY DATE		I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O
▽=0	2 PLACES ± 0.13 ± ---	JSWENSON 02/09/05	APPROVED BY DATE			
REV		1 PLACE ± 0.25 ± ---	MBANAK IS 02/02/05			<b>molex</b> DOCUMENT NO. SD-75783-001 SHEET NO. 2 OF 12
		0 PLACE ± ±				
		ANGULAR ±1/2°	MATERIAL NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART			
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

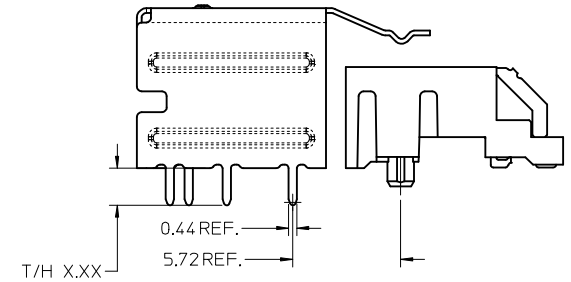
# SHELL PCB INTERFACE



RETENTION-FIT  
SHELL OPTION



SMT SHELL OPTION



THRU-HOLE SHELL OPTION  
SEE TABLE FOR LENGTH  
(X.XX DENOTES TAIL LENGTH)

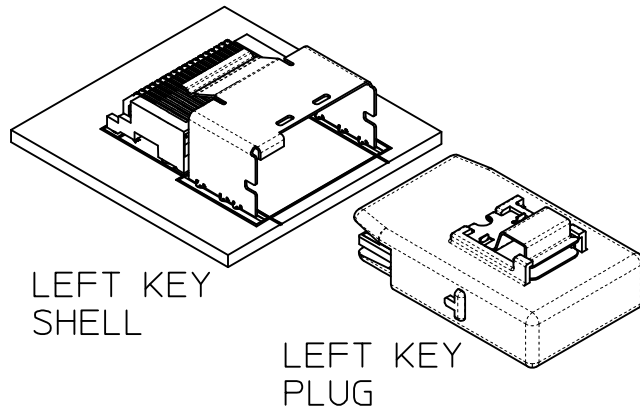
RECOMMENDED PCB THICKNESS  
FOR SPECIFIED TAIL LENGTH

TAIL LENGTH	PCB THICKNESS
1.96	1.57 (.062)
2.79	2.36 (.093)
3.18	2.79 (.110)
3.56	3.18 (.125)

NOTE:  
RETENTION FIT DENOTES TAILS THAT OFFER RETENTION  
TO PCB DURING REFLOW PROCESS  
SMT DENOTES SURFACE MOUNT TERMINATION  
T/H X.XX DENOTES THRU-HOLE TAIL OF LENGTH X.XX

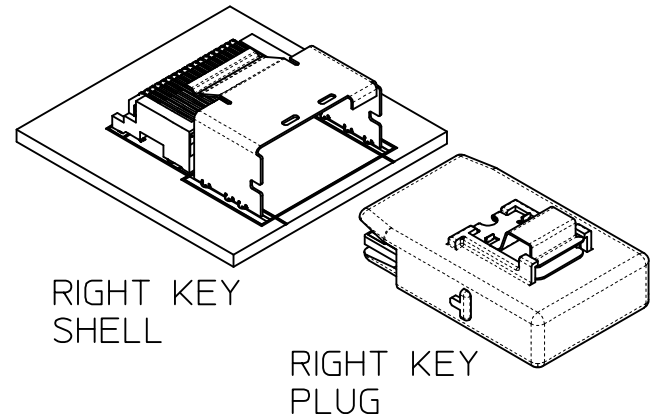
SEE SHEET 1 EC NO: UCP2014-2246 DRWINKB INGHAM 2013/12/26 CHKD: TMCLELLAND 2013/12/26 APPR: TMCLELLAND 2013/12/26	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	mm INCH DRAWN BY DATE KLANG 02/09/05 CHECKED BY DATE JSWENSON 02/09/05 APPROVED BY DATE MBANAK I S 02/02/05	TITLE I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75783-001
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			

# KEYING OPTIONS



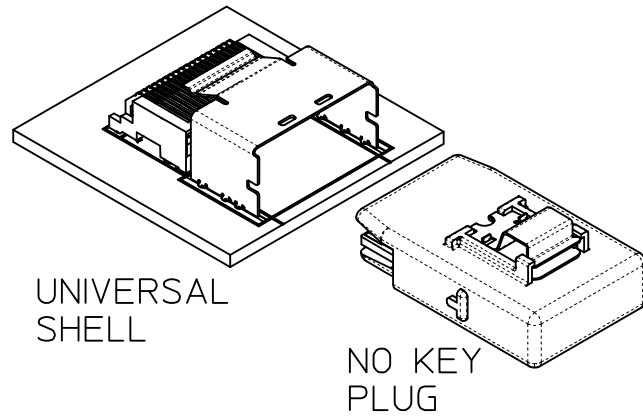
LEFT KEY SHELL

LEFT KEY PLUG



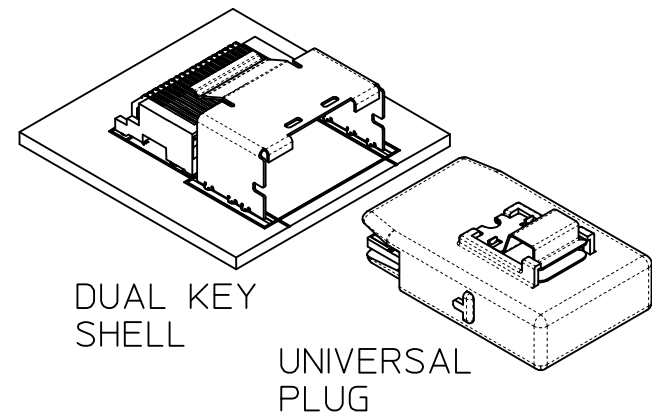
RIGHT KEY SHELL

RIGHT KEY PLUG



UNIVERSAL SHELL

NO KEY PLUG



DUAL KEY SHELL

UNIVERSAL PLUG

	UNIVERSAL SHELL	LEFT KEY SHELL	RIGHT KEY SHELL	DUAL KEY SHELL
NO KEY PLUG	YES	NO	NO	NO
LEFT KEY PLUG	YES	YES	NO	NO
RIGHT KEY PLUG	YES	NO	YES	NO
UNIVERSAL PLUG	YES	YES	YES	YES

SEE SHEET 1 EC NO: UCP2014-2246 DRW:KBN INGHAM 2013/12/26 CHKD:TMCCLELLAND 2013/12/26 APPR:TMCCLELL 2013/12/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE	
	▽=0	3 PLACES ± --- ± ---	KLANG	02/09/05	I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O	
	2 PLACES ± 0.13 ± ---	APPROVED BY	DATE	DOCUMENT NO.		SHEET NO.
	1 PLACE ± 0.25 ± ---	MBANAKIS	02/02/05	SD-75783-001		4 OF 12
	0 PLACE ± ±	MATERIAL NO.		SEE CHART		
	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		

# 26 CIRCUIT ITEM NUMBERS

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
26	75783-0007	OPTION 1	RETENTION	LEFT
26	75783-0008	OPTION 1	RETENTION	RIGHT
26	75783-0009	OPTION 1	RETENTION	DUAL
26	75783-0010	OPTION 1	SMT	LEFT
26	75783-0011	OPTION 1	SMT	RIGHT
26	75783-0012	OPTION 1	SMT	DUAL
26	75783-0019	OPTION 2	RETENTION	LEFT
26	75783-0020	OPTION 2	RETENTION	RIGHT
26	75783-0021	OPTION 2	RETENTION	DUAL
26	75783-0022	OPTION 2	SMT	LEFT
26	75783-0023	OPTION 2	SMT	RIGHT
26	75783-0024	OPTION 2	SMT	DUAL
26	75783-0025	OPTION 1	RETENTION	UNIVERSAL
26	75783-0026	OPTION 1	SMT	UNIVERSAL
26	75783-0027	OPTION 2	RETENTION	UNIVERSAL
26	75783-0028	OPTION 2	SMT	UNIVERSAL
26	75783-0029	OPTION 1	T/H 1.96	LEFT
26	75783-0030	OPTION 1	T/H 1.96	RIGHT
26	75783-0031	OPTION 1	T/H 1.96	DUAL
26	75783-0032	OPTION 1	T/H 1.96	UNIVERSAL
26	75783-0033	OPTION 2	T/H 1.96	LEFT
26	75783-0034	OPTION 2	T/H 1.96	RIGHT
26	75783-0035	OPTION 2	T/H 1.96	DUAL
26	75783-0036	OPTION 2	T/H 1.96	UNIVERSAL

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
26	75783-0037	OPTION 1	T/H 2.79	LEFT
26	75783-0038	OPTION 1	T/H 2.79	RIGHT
26	75783-0039	OPTION 1	T/H 2.79	DUAL
26	75783-0040	OPTION 1	T/H 2.79	UNIVERSAL
26	75783-0041	OPTION 2	T/H 2.79	LEFT
26	75783-0042	OPTION 2	T/H 2.79	RIGHT
26	75783-0043	OPTION 2	T/H 2.79	DUAL
26	75783-0044	OPTION 2	T/H 2.79	UNIVERSAL
26	75783-0045	OPTION 1	T/H 3.18	LEFT
26	75783-0046	OPTION 1	T/H 3.18	RIGHT
26	75783-0047	OPTION 1	T/H 3.18	DUAL
26	75783-0048	OPTION 1	T/H 3.18	UNIVERSAL
26	75783-0049	OPTION 2	T/H 3.18	LEFT
26	75783-0050	OPTION 2	T/H 3.18	RIGHT
26	75783-0051	OPTION 2	T/H 3.18	DUAL
26	75783-0052	OPTION 2	T/H 3.18	UNIVERSAL

SEE SHEET 1 EC NO: UCP2014-2246 DRAWN BY: DRWINKBINGHAM 2013/12/26 CHECKED BY: TMCCLLELLAND 2013/12/26 APPR: TMCCLLELL 2013/12/26	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION																				
	▽=0	▽=0	▽=0	<table border="1" style="font-size: 8px;"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.13</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	0 PLACE	±	±	DRAWN BY: KLANG DATE: 02/09/05	CHECKED BY: JSWENSON DATE: 02/09/05	APPROVED BY: MBANAK I S DATE: 02/02/05	<b>I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O</b>	
		mm	INCH																								
	4 PLACES	± ---	± ---																								
	3 PLACES	± ---	± ---																								
2 PLACES	± 0.13	± ---																									
1 PLACE	± 0.25	± ---																									
0 PLACE	±	±																									
□=0	□=0	□=0	ANGULAR ±1/2°	<b>SEE CHART</b>		<b>molex</b> DOCUMENT NO. <b>SD-75783-001</b>																					
E1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	SHEET NO. <b>5 OF 12</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
REV			SIZE																								

# 36 CIRCUIT ITEM NUMBERS

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
36	75783-0107	OPTION 1	RETENTION	LEFT
36	75783-0108	OPTION 1	RETENTION	RIGHT
36	75783-0109	OPTION 1	RETENTION	DUAL
36	75783-0110	OPTION 1	SMT	LEFT
36	75783-0111	OPTION 1	SMT	RIGHT
36	75783-0112	OPTION 1	SMT	DUAL
36	75783-0119	OPTION 2	RETENTION	LEFT
36	75783-0120	OPTION 2	RETENTION	RIGHT
36	75783-0121	OPTION 2	RETENTION	DUAL
36	75783-0122	OPTION 2	SMT	LEFT
36	75783-0123	OPTION 2	SMT	RIGHT
36	75783-0124	OPTION 2	SMT	DUAL
36	75783-0125	OPTION 1	RETENTION	UNIVERSAL
36	75783-0126	OPTION 1	SMT	UNIVERSAL
36	75783-0127	OPTION 2	RETENTION	UNIVERSAL
36	75783-0128	OPTION 2	SMT	UNIVERSAL
36	75783-0129	OPTION 1	T/H 1.96	LEFT
36	75783-0130	OPTION 1	T/H 1.96	RIGHT
36	75783-0131	OPTION 1	T/H 1.96	DUAL
36	75783-0132	OPTION 1	T/H 1.96	UNIVERSAL
36	75783-0133	OPTION 2	T/H 1.96	LEFT
36	75783-0134	OPTION 2	T/H 1.96	RIGHT
36	75783-0135	OPTION 2	T/H 1.96	DUAL
36	75783-0136	OPTION 2	T/H 1.96	UNIVERSAL

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
36	75783-0137	OPTION 1	T/H 2.79	LEFT
36	75783-0138	OPTION 1	T/H 2.79	RIGHT
36	75783-0139	OPTION 1	T/H 2.79	DUAL
36	75783-0140	OPTION 1	T/H 2.79	UNIVERSAL
36	75783-0141	OPTION 2	T/H 2.79	LEFT
36	75783-0142	OPTION 2	T/H 2.79	RIGHT
36	75783-0143	OPTION 2	T/H 2.79	DUAL
36	75783-0144	OPTION 2	T/H 2.79	UNIVERSAL
36	75783-0145	OPTION 1	T/H 3.18	LEFT
36	75783-0146	OPTION 1	T/H 3.18	RIGHT
36	75783-0147	OPTION 1	T/H 3.18	DUAL
36	75783-0148	OPTION 1	T/H 3.18	UNIVERSAL
36	75783-0149	OPTION 2	T/H 3.18	LEFT
36	75783-0150	OPTION 2	T/H 3.18	RIGHT
36	75783-0151	OPTION 2	T/H 3.18	DUAL
36	75783-0152	OPTION 2	T/H 3.18	UNIVERSAL
36	75783-0153	OPTION 1	T/H 3.56	LEFT
36	75783-0154	OPTION 1	T/H 3.56	RIGHT
36	75783-0155	OPTION 1	T/H 3.56	DUAL
36	75783-0156	OPTION 1	T/H 3.56	UNIVERSAL
36	75783-0157	OPTION 2	T/H 3.56	LEFT
36	75783-0158	OPTION 2	T/H 3.56	RIGHT
36	75783-0159	OPTION 2	T/H 3.56	DUAL
36	75783-0160	OPTION 2	T/H 3.56	UNIVERSAL

SEE SHEET 1 EC NO: UCP2014-2246 DRAWN BY DRWINKBINGHAM 2013/12/26 CHECKED BY TMCLELLAND 2013/12/26 APPR: TMCLELLAND 2013/12/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O <b>molex</b>		
	▽=0	3 PLACES ± --- ± ---	KLANG 02/09/05			
	2 PLACES ± 0.13 ± ---	CHECKED BY DATE	SD-75783-001 SHEET NO. 6 OF 12			
	1 PLACE ± 0.25 ± ---	JSWENSON 02/09/05				
	0 PLACE ± ±	APPROVED BY DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		MBANAK I S 02/02/05				
		ANGULAR ±1/2°	MATERIAL NO.	DOCUMENT NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART			

# 50 CIRCUIT ITEM NUMBERS

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
50	75783-0207	OPTION 1	RETENTION	LEFT
50	75783-0208	OPTION 1	RETENTION	RIGHT
50	75783-0209	OPTION 1	RETENTION	DUAL
50	75783-0210	OPTION 1	SMT	LEFT
50	75783-0211	OPTION 1	SMT	RIGHT
50	75783-0212	OPTION 1	SMT	DUAL
50	75783-0219	OPTION 2	RETENTION	LEFT
50	75783-0220	OPTION 2	RETENTION	RIGHT
50	75783-0221	OPTION 2	RETENTION	DUAL
50	75783-0222	OPTION 2	SMT	LEFT
50	75783-0223	OPTION 2	SMT	RIGHT
50	75783-0224	OPTION 2	SMT	DUAL
50	75783-0225	OPTION 1	RETENTION	UNIVERSAL
50	75783-0226	OPTION 1	SMT	UNIVERSAL
50	75783-0227	OPTION 2	RETENTION	UNIVERSAL
50	75783-0228	OPTION 2	SMT	UNIVERSAL
50	75783-0229	OPTION 1	T/H 1.96	LEFT
50	75783-0230	OPTION 1	T/H 1.96	RIGHT
50	75783-0231	OPTION 1	T/H 1.96	DUAL
50	75783-0232	OPTION 1	T/H 1.96	UNIVERSAL
50	75783-0233	OPTION 2	T/H 1.96	LEFT
50	75783-0234	OPTION 2	T/H 1.96	RIGHT
50	75783-0235	OPTION 2	T/H 1.96	DUAL
50	75783-0236	OPTION 2	T/H 1.96	UNIVERSAL

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
50	75783-0237	OPTION 1	T/H 2.79	LEFT
50	75783-0238	OPTION 1	T/H 2.79	RIGHT
50	75783-0239	OPTION 1	T/H 2.79	DUAL
50	75783-0240	OPTION 1	T/H 2.79	UNIVERSAL
50	75783-0241	OPTION 2	T/H 2.79	LEFT
50	75783-0242	OPTION 2	T/H 2.79	RIGHT
50	75783-0243	OPTION 2	T/H 2.79	DUAL
50	75783-0244	OPTION 2	T/H 2.79	UNIVERSAL
50	75783-0245	OPTION 1	T/H 3.18	LEFT
50	75783-0246	OPTION 1	T/H 3.18	RIGHT
50	75783-0247	OPTION 1	T/H 3.18	DUAL
50	75783-0248	OPTION 1	T/H 3.18	UNIVERSAL
50	75783-0249	OPTION 2	T/H 3.18	LEFT
50	75783-0250	OPTION 2	T/H 3.18	RIGHT
50	75783-0251	OPTION 2	T/H 3.18	DUAL
50	75783-0252	OPTION 2	T/H 3.18	UNIVERSAL

SEE SHEET 1 EC NO: UCP2014-2246 DRAWN BY: DRWINKBINGHAM 2013/12/26 CHECKED BY: TMCLELLAND 2013/12/26 APPR: TMCLELL 2013/12/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE KLANG 02/09/05	TITLE <b>I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O</b>		
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE JSWENSON 02/09/05			
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE MBANAK I S 02/02/05	<b>molex</b> MATERIAL NO. DOCUMENT NO. SD-75783-001 SHEET NO. 7 OF 12		
▽=0	2 PLACES ± 0.13 ± ---	SEE CHART DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
▽=0	1 PLACE ± 0.25 ± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
▽=0	0 PLACE ± ±					

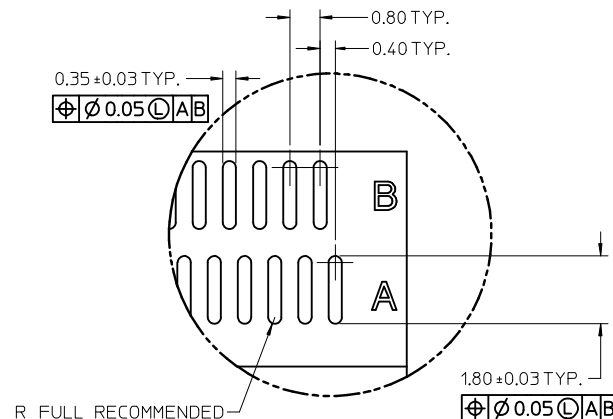
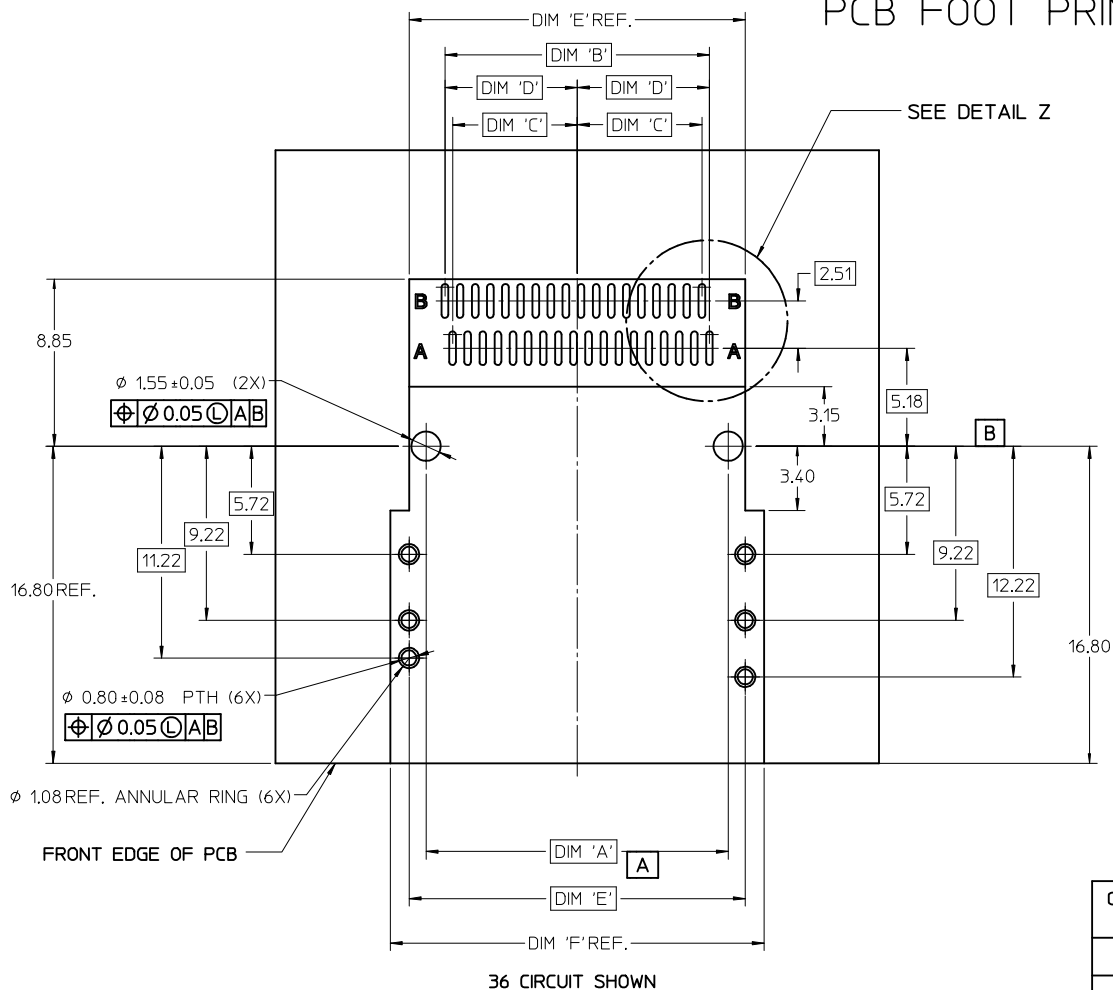
# 68 CIRCUIT ITEM NUMBERS

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
68	75783-0307	OPTION 1	RETENTION	LEFT
68	75783-0308	OPTION 1	RETENTION	RIGHT
68	75783-0309	OPTION 1	RETENTION	DUAL
68	75783-0310	OPTION 1	SMT	LEFT
68	75783-0311	OPTION 1	SMT	RIGHT
68	75783-0312	OPTION 1	SMT	DUAL
68	75783-0319	OPTION 2	RETENTION	LEFT
68	75783-0320	OPTION 2	RETENTION	RIGHT
68	75783-0321	OPTION 2	RETENTION	DUAL
68	75783-0322	OPTION 2	SMT	LEFT
68	75783-0323	OPTION 2	SMT	RIGHT
68	75783-0324	OPTION 2	SMT	DUAL
68	75783-0325	OPTION 1	RETENTION	UNIVERSAL
68	75783-0326	OPTION 1	SMT	UNIVERSAL
68	75783-0327	OPTION 2	RETENTION	UNIVERSAL
68	75783-0328	OPTION 2	SMT	UNIVERSAL
68	75783-0329	OPTION 1	T/H 1.96	LEFT
68	75783-0330	OPTION 1	T/H 1.96	RIGHT
68	75783-0331	OPTION 1	T/H 1.96	DUAL
68	75783-0332	OPTION 1	T/H 1.96	UNIVERSAL
68	75783-0333	OPTION 2	T/H 1.96	LEFT
68	75783-0334	OPTION 2	T/H 1.96	RIGHT
68	75783-0335	OPTION 2	T/H 1.96	DUAL
68	75783-0336	OPTION 2	T/H 1.96	UNIVERSAL

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
68	75783-0337	OPTION 1	T/H 2.79	LEFT
68	75783-0338	OPTION 1	T/H 2.79	RIGHT
68	75783-0339	OPTION 1	T/H 2.79	DUAL
68	75783-0340	OPTION 1	T/H 2.79	UNIVERSAL
68	75783-0341	OPTION 2	T/H 2.79	LEFT
68	75783-0342	OPTION 2	T/H 2.79	RIGHT
68	75783-0343	OPTION 2	T/H 2.79	DUAL
68	75783-0344	OPTION 2	T/H 2.79	UNIVERSAL
68	75783-0345	OPTION 1	T/H 3.18	LEFT
68	75783-0346	OPTION 1	T/H 3.18	RIGHT
68	75783-0347	OPTION 1	T/H 3.18	DUAL
68	75783-0348	OPTION 1	T/H 3.18	UNIVERSAL
68	75783-0349	OPTION 2	T/H 3.18	LEFT
68	75783-0350	OPTION 2	T/H 3.18	RIGHT
68	75783-0351	OPTION 2	T/H 3.18	DUAL
68	75783-0352	OPTION 2	T/H 3.18	UNIVERSAL

SEE SHEET 1 EC NO: UCP2014-2246 DRAWN BY: DRWINKBINGHAM 2013/12/26 CHECKED BY: TMCLELLAND 2013/12/26 APPR: TMCLELL 2013/12/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm      INCH	MM ONLY	2:1	METRIC	
	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ±      ±	DRAWN BY: KLANG DATE: 02/09/05 CHECKED BY: JSWENSON DATE: 02/09/05 APPROVED BY: MBANAK I S DATE: 02/02/05	TITLE I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O			
	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75783-001	SHEET NO. 8 OF 12		
SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

# RIGHT ANGLE CONNECTOR WITH RETENTION FIT & THRU-HOLE SHELL PCB FOOT PRINT

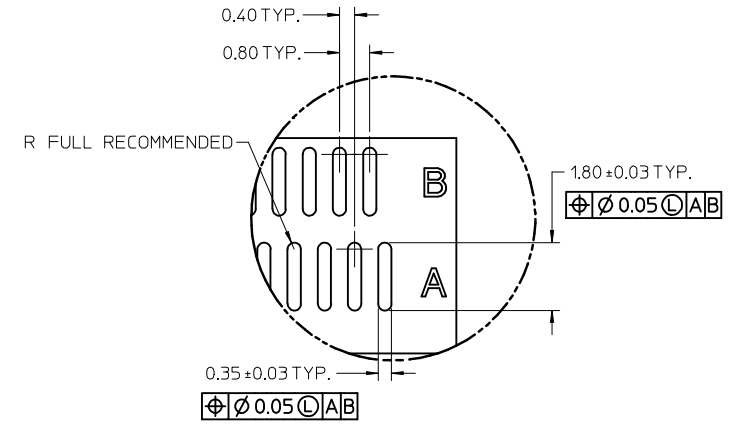
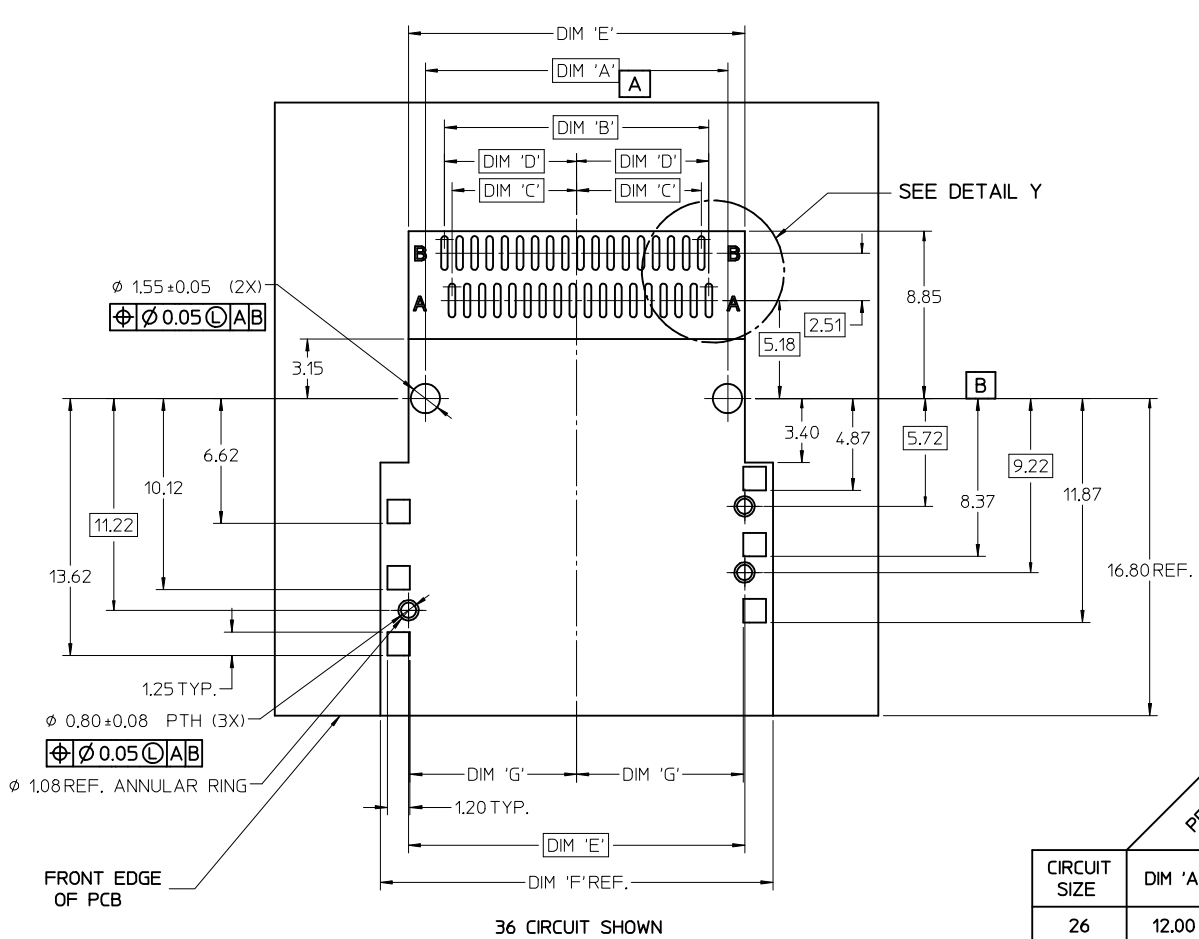


DETAIL Z  
SCALE 10:1

	PEG TO PEG	FIRST PAD TO LAST PAD	CENTERLINE TO PAD	CENTERLINE TO PAD	CONNECTOR WIDTH SHELL PEG TO PEG	SHELL FOOTPRINT WIDTH
CIRCUIT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
26	12.00	10.00	4.60	5.00	13.80	15.80
36	16.00	14.00	6.60	7.00	17.80	19.80
50	21.60	19.60	9.40	9.80	23.40	25.40
68	28.80	26.80	13.00	13.40	30.60	32.60

SEE SHEET 1 EC NO: UCP2014-2246 DRW: KLANG 2013/12/26 CHKD: MCLELLAN 2013/12/26 APPR: MCLELLAN 2013/12/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.30</td> <td>± 0.012</td> </tr> <tr> <td>0 PLACE</td> <td>± 0.40</td> <td>± 0.016</td> </tr> </table>		mm	INCH	4 PLACES	± 0.15	± 0.006	3 PLACES	± 0.20	± 0.008	2 PLACES	± 0.25	± 0.010	1 PLACE	± 0.30	± 0.012	0 PLACE	± 0.40	± 0.016	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
			mm	INCH																				
	4 PLACES		± 0.15	± 0.006																				
	3 PLACES		± 0.20	± 0.008																				
2 PLACES	± 0.25	± 0.010																						
1 PLACE	± 0.30	± 0.012																						
0 PLACE	± 0.40	± 0.016																						
REV: F1	DESCRIPTION	DRAWN BY: KLANG CHECKED BY: JSWENSON APPROVED BY: MBANAKIS	DATE: 02/09/05 DATE: 02/09/05 DATE: 02/02/05	<b>I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O</b>																				
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE CHART</b>	DOCUMENT NO. <b>SD-75783-001</b>	SHEET NO. <b>9 OF 12</b>																			
			<b>molex</b> THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

# RIGHT ANGLE CONNECTOR WITH SMT SHELL PCB FOOT PRINT

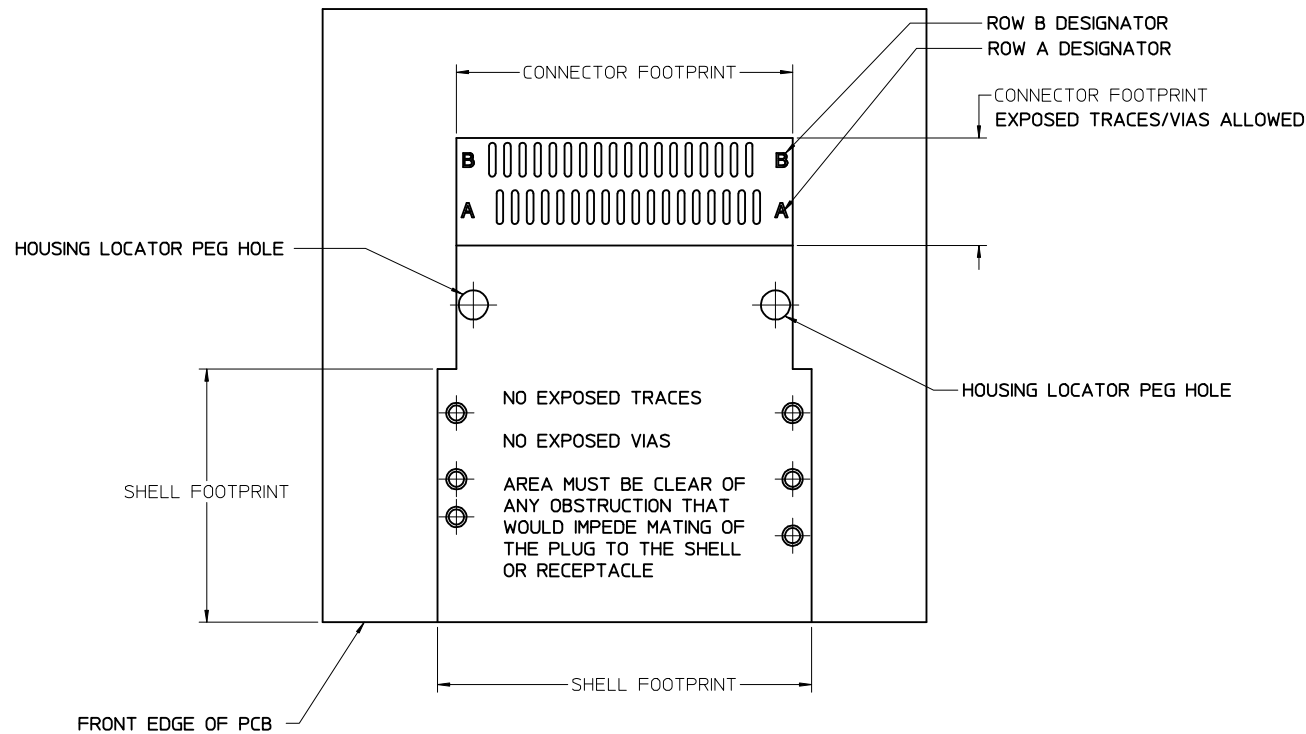


DETAIL Y  
SCALE 10:1

CIRCUIT SIZE	DIMENSION						
	PEG TO PEG	FIRST PAD TO LAST PAD	CENTERLINE TO PAD	CENTERLINE TO PAD	CONNECTOR WIDTH SHELL PEG TO PEG	SHELL FOOTPRINT WIDTH	CENTERLINE TO PAD EDGE
	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'
26	12.00	10.00	4.60	5.00	13.80	16.80	6.825
36	16.00	14.00	6.60	7.00	17.80	20.80	8.825
50	21.60	19.60	9.40	9.80	23.40	26.40	11.625
68	28.80	26.80	13.00	13.40	30.60	33.60	15.225

SEE SHEET 1 EC NO: UCP2014-2246 DRW: KBLINGHAM 2013/12/26 CHKD: MCLELLAND 2013/12/26 APPR: MCLELLAND 2013/12/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION																												
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$		<table border="1" style="font-size: small;"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.13</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table>		mm	INCH		4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	0 PLACE	±	±	<table border="1" style="font-size: small;"> <tr><td>DRAWN BY</td><td>DATE</td></tr> <tr><td>KLANG</td><td>02/09/05</td></tr> <tr><td>CHECKED BY</td><td>DATE</td></tr> <tr><td>JSWENSON</td><td>02/09/05</td></tr> <tr><td>APPROVED BY</td><td>DATE</td></tr> <tr><td>MBANAK I S</td><td>02/02/05</td></tr> </table>	DRAWN BY	DATE	KLANG	02/09/05	CHECKED BY	DATE	JSWENSON	02/09/05	APPROVED BY	DATE	MBANAK I S	02/02/05
		mm	INCH																																
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APPROVED BY	DATE																																		
MBANAK I S	02/02/05																																		
REV: <b>F1</b>	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE CHART</b>	DOCUMENT NO. <b>SD-75783-001</b>	SHEET NO. <b>10 OF 12</b>																															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																			

# RIGHT ANGLE CONNECTOR WITH SHELL PCB FOOT PRINT DESCRIPTIONS

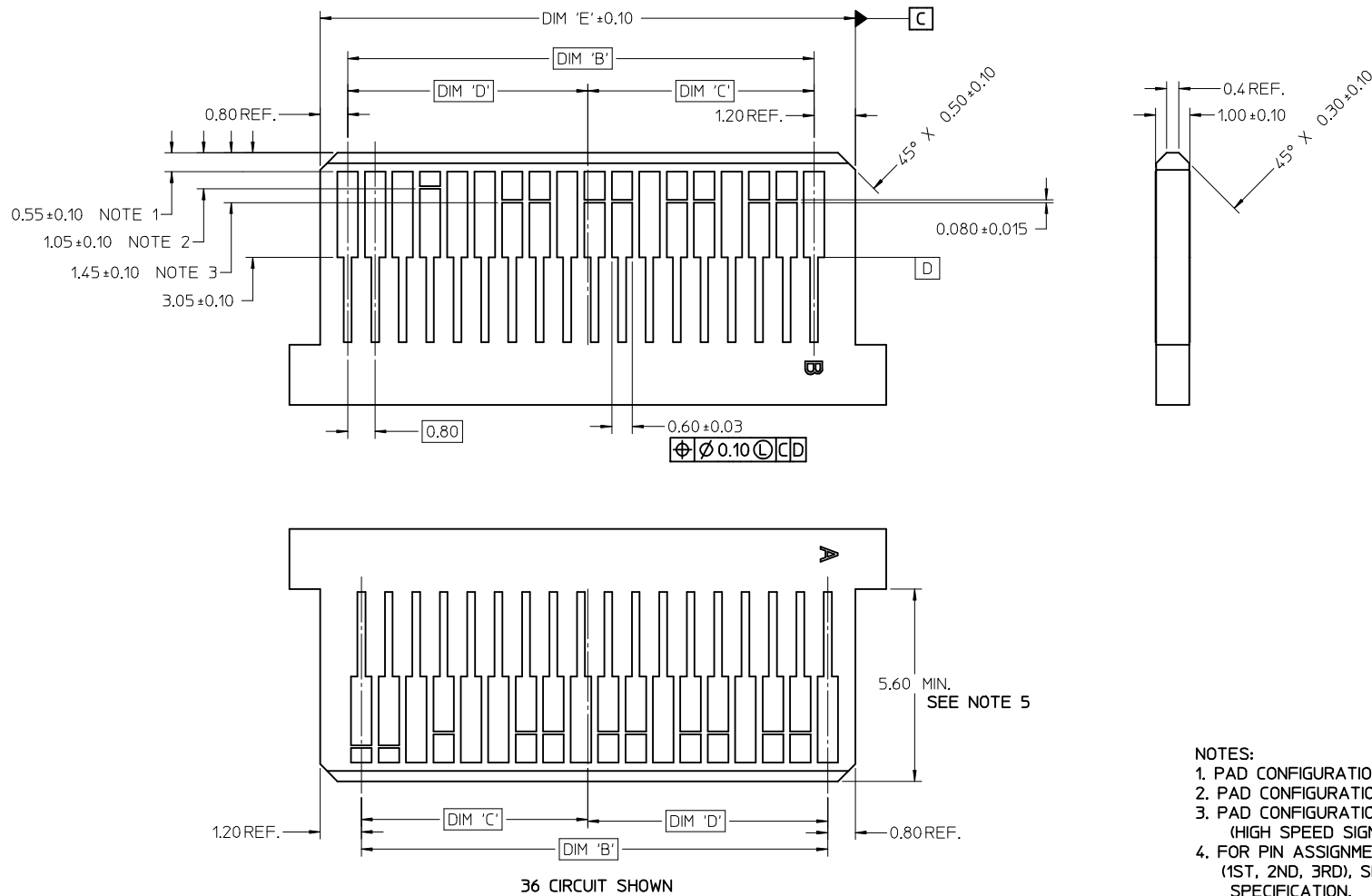


36 CIRCUIT SHOWN

NOTE: IF RECEPTACLE AND SHELL ARE NOT PLACED AT EDGE OF PCB AS SHOWN, ADDITIONAL CLEARANCE IS NEEDED FOR BODY OF PLUG AND CABLE

SEE SHEET 1 EC NO: UCP2014-2246 DRW:KINGHAM 2013/12/26 CHKD:MCLELLAND 2013/12/26 APPR:MCLELL 2013/12/26	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION 	
				DRAWN BY KLANG	DATE 02/09/05	<b>I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O</b>  		
		4 PLACES ± --- ± ---	± --- ± ---	CHECKED BY JSWENSON	DATE 02/09/05			
		3 PLACES ± --- ± ---	± --- ± ---	APPROVED BY MBANAKIS	DATE 02/02/05			
2 PLACES ± 0.13 ± ---	± --- ± ---	MATERIAL NO. <b>SEE CHART</b>						
1 PLACE ± 0.25 ± ---	± --- ± ---	DOCUMENT NO. <b>SD-75783-001</b>		SHEET NO. 11 OF 12				
0 PLACE ± ±	± ±	ANGULAR ±1/2°		SIZE <b>C</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

# MATING INTERFACE (FOR REFERENCE ONLY)



## NOTES:

- PAD CONFIGURATION FOR FIRST MATE.
- PAD CONFIGURATION FOR SECOND MATE.
- PAD CONFIGURATION FOR THIRD MATE.  
(HIGH SPEED SIGNALS)
- FOR PIN ASSIGNMENTS AND MATING SEQUENCE  
(1ST, 2ND, 3RD), SEE APPLICABLE  
SPECIFICATION.
- MINIMUM STEP REQUIRED IF PCB MADE  
WIDER THAN TONGUE.

CIRCUIT SIZE	TERM/SIDE 'N'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'
26	13	9.60	4.60	5.00	11.60
36	18	13.60	6.60	7.00	15.60
50	25	19.20	9.40	9.80	21.20
68	34	26.40	13.00	13.40	28.40

REV	DESCRIPTION
E1	REV

SEE SHEET 1  
 EC NO: UCP2014-2246  
 DRWN: X8 INGHAM 2013/12/26  
 CHKD: TMCLELLAND 2013/12/26  
 APPR: TMCLELL 2013/12/26

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± 0.13	± ---
1 PLACE ± 0.25	± ---
0 PLACE ±	±
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
KLANG	02/09/05
CHECKED BY	DATE
JSWENSON	02/09/05
APPROVED BY	DATE
MBANAK I S	02/02/05
MATERIAL NO.	
SEE CHART	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
10:1	METRIC	THIRD ANGLE PROJECTION
TITLE		
I-PASS R/A CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O		
DOCUMENT NO.		
SD-75783-001		
SHEET NO.		
12 OF 12		