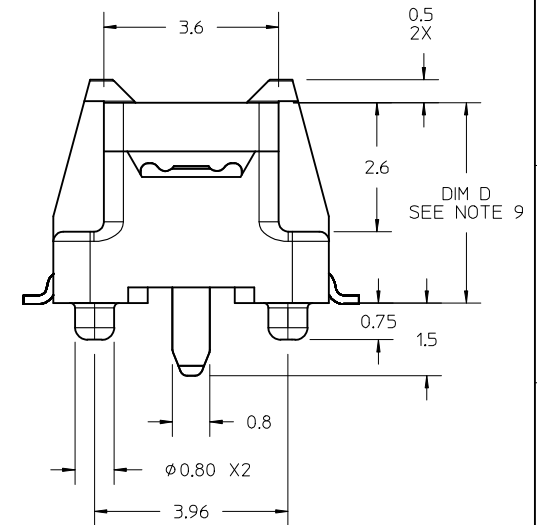
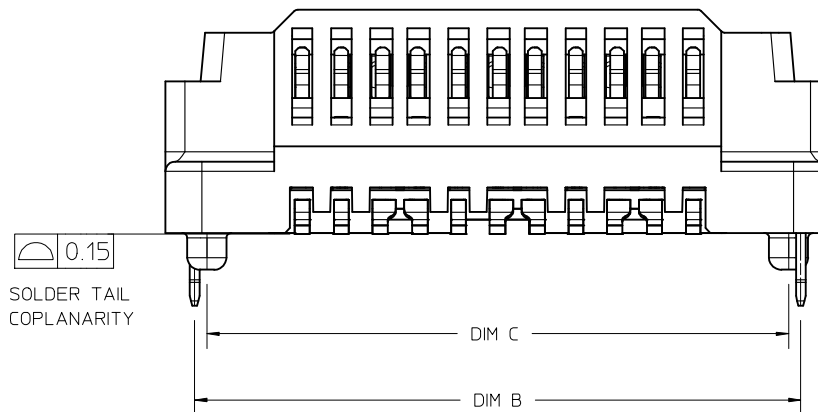
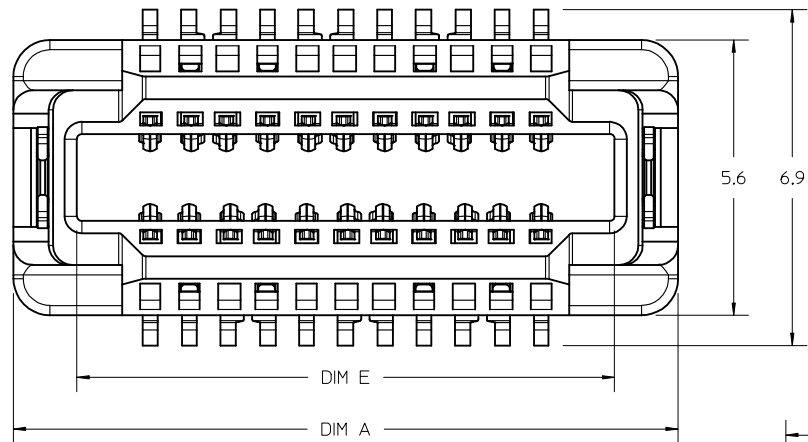


10	9	8	7	6	5	4	3	2	1
PART NUMBER	CKT SIZE	DIFF PAIRS	SPARE CKTS	DIM A	DIM B	DIM C	DIM E	DIM D	
171450-3102	22	6	2	13.6	12.40	11.90	11.0	4.10	
171450-3106	60	16	8	28.8	27.60	27.10	26.2	4.10	
171450-3114	82	22	10	41.6	40.40	39.90	11.0/ 26.2	4.10	

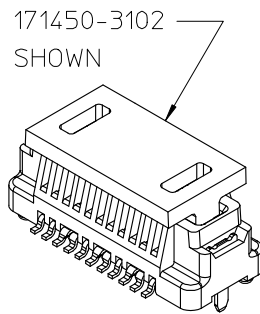
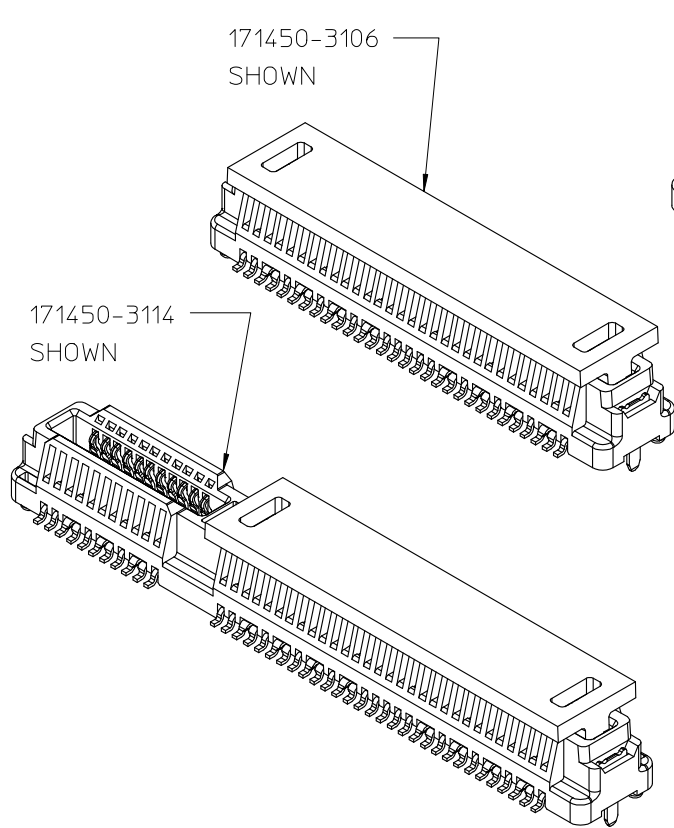


- NOTES:
1. MATERIALS: HOUSING: LCP, UL94V-0, BLACK
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 0.76 μ m MIN SELECT GOLD IN CONTACT AREA,
SELECT MATTE TIN IN TAIL AREA, OVERALL NICKEL.
 3. PRODUCT SPECIFICATION: PS-171446-0001
 4. PACKAGING SPECIFICATION: PK-70873-6002
 5. MATES WITH SPEEDSTACK PLUGS: 171446 & 171810
 6. APPLICATION SPECIFICATION: AS-171450-9999
 7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 8. PART STATUS: CONTACT MOLEX
 9. DIM D ON THIS DRAWING PLUS DIM D ON DRAWING # SD-171446-1000
EQUALS THE SYSTEM MATED STACK HEIGHT
 10. PARTS SHIPPED WITH PICK AND PLACE COVERS.

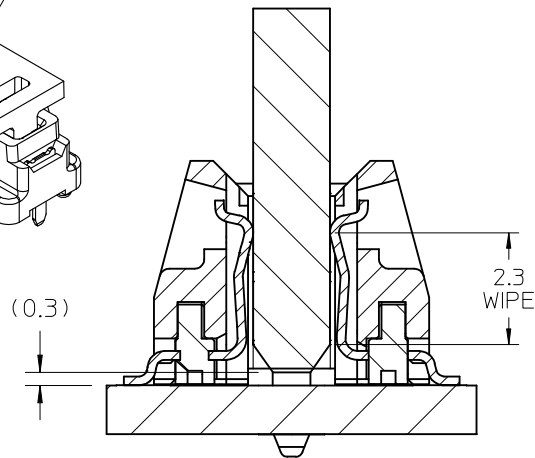
UPDATE EDGE CARD		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: UCP2015-5331		F=0		mm		DRAWN BY		DATE		SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING molex			
DRAWN: JB INGHAM 2015/08/24		F=0		INCH		JB INGHAM		2014/11/11					
CHKD: DMC GOWAN 2015/08/24		F=0		4 PLACES ± --- ± ---		CHECKED BY		DATE					
APPR: DMC GOWAN 2015/09/18				3 PLACES ± --- ± ---		DMC GOWAN		2014/11/11					
				2 PLACES ± 0.13 ± ---		APPROVED BY		DATE					
				1 PLACE ± 0.25 ± ---		DMC GOWAN		2015/01/26					
				0 PLACE ± --- ± ---		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				ANGULAR ±1/2°		SEE CHART		SD-171450-3000		1 OF 8			
				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					

MEZZANINE (PLUG & RECEPTACLE) STACKING CHART

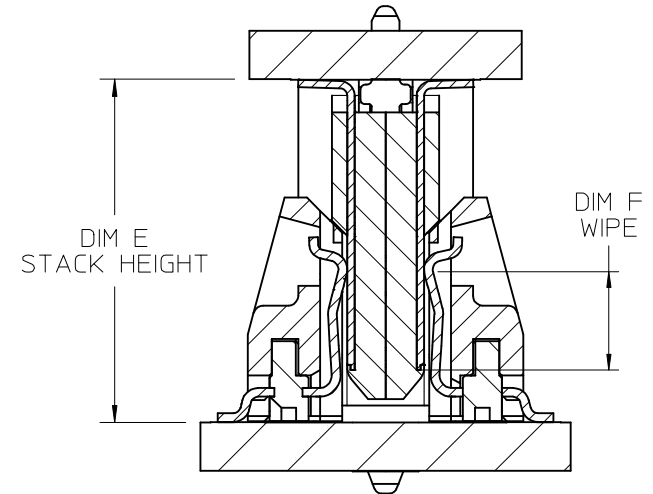
RECEPTACLE OPTIONS			PLUG OPTIONS (1mm WIPE)					PLUG OPTIONS (2mm WIPE)				
			HEIGHT	1mm	2mm	3mm	4mm	1mm	2mm	3mm	4mm	
			22 CKT	171446-1101	171446-1102	171446-1103	171446-1104	171446-1105	171446-1106	171446-1107	171446-1108	
			60 CKT	171446-1109	171446-1110	171446-1111	171446-1112	171446-1113	171446-1114	171446-1115	171446-1116	
	22 CKT	171450-3102	4mm	5/1	6/1	7/1	8/1	5/2	6/2	7/2	8/2	
	60 CKT	171450-3106										
	82 CKT	171450-3114										
	CIRCUITS	MOLEX P/N	HEIGHT	STACK HEIGHT (DIM E)/WIPE (DIM F)								



EDGE CARD APPLICATION

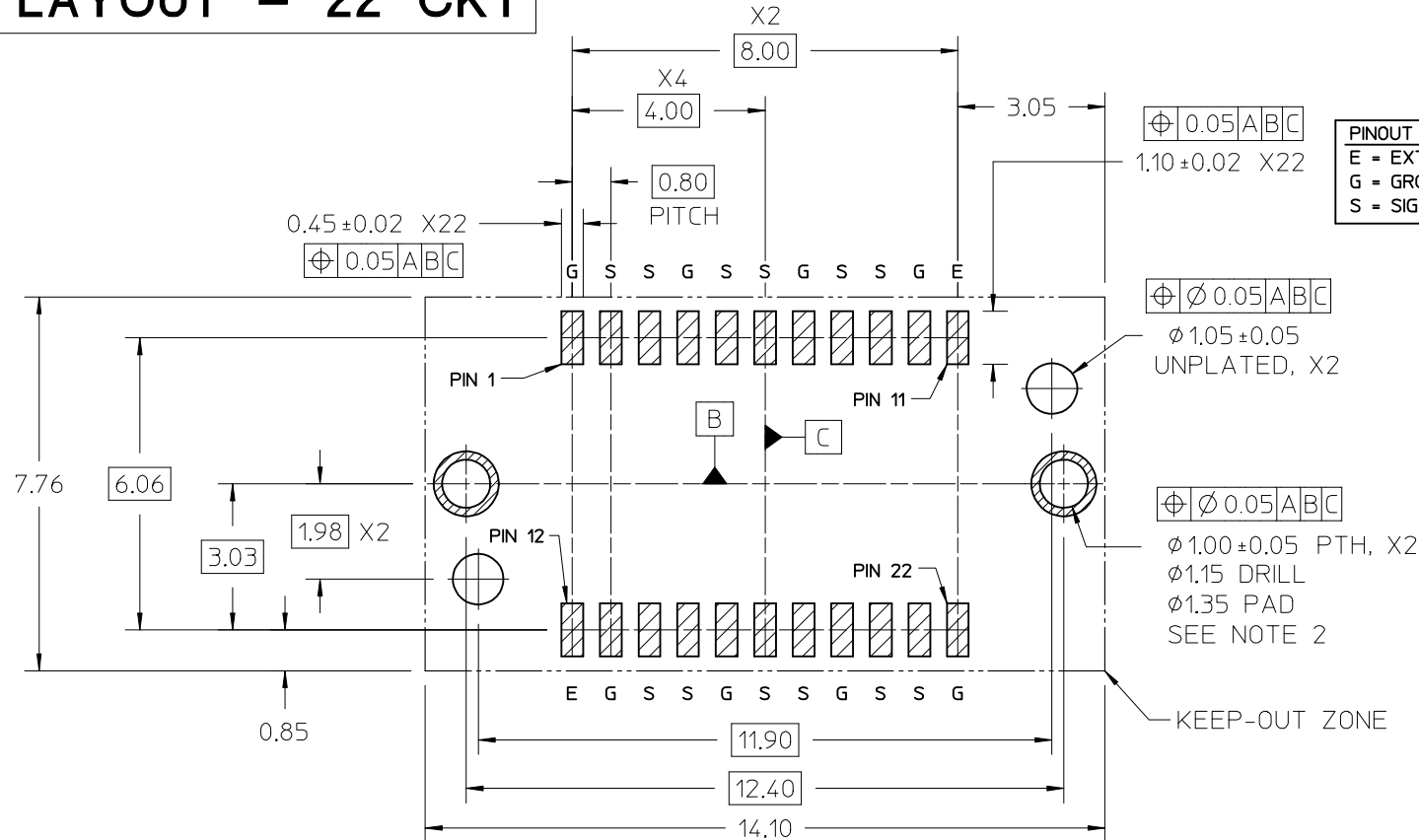


MEZZANINE APPLICATION
(PLUG & RECEPTACLE)



SEE SHEET 1 EC NO: UCP2015-5331 DRAWN: JB INGHAM 2015/08/24 CHKD:DMCGOWAN 2015/08/24 APPR:DMCGOWAN 2015/09/18	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	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		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			DRAWN BY DATE JB INGHAM 2014/11/11		TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING				
			CHECKED BY DATE DMCGOWAN 2014/11/11						
			APPROVED BY DATE DMCGOWAN 2015/01/26		DOCUMENT NO. SD-171450-3000				
			MATERIAL NO.						
SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PCB LAYOUT – 22 CKT



PCB LAYOUT (COMPONENT SIDE)

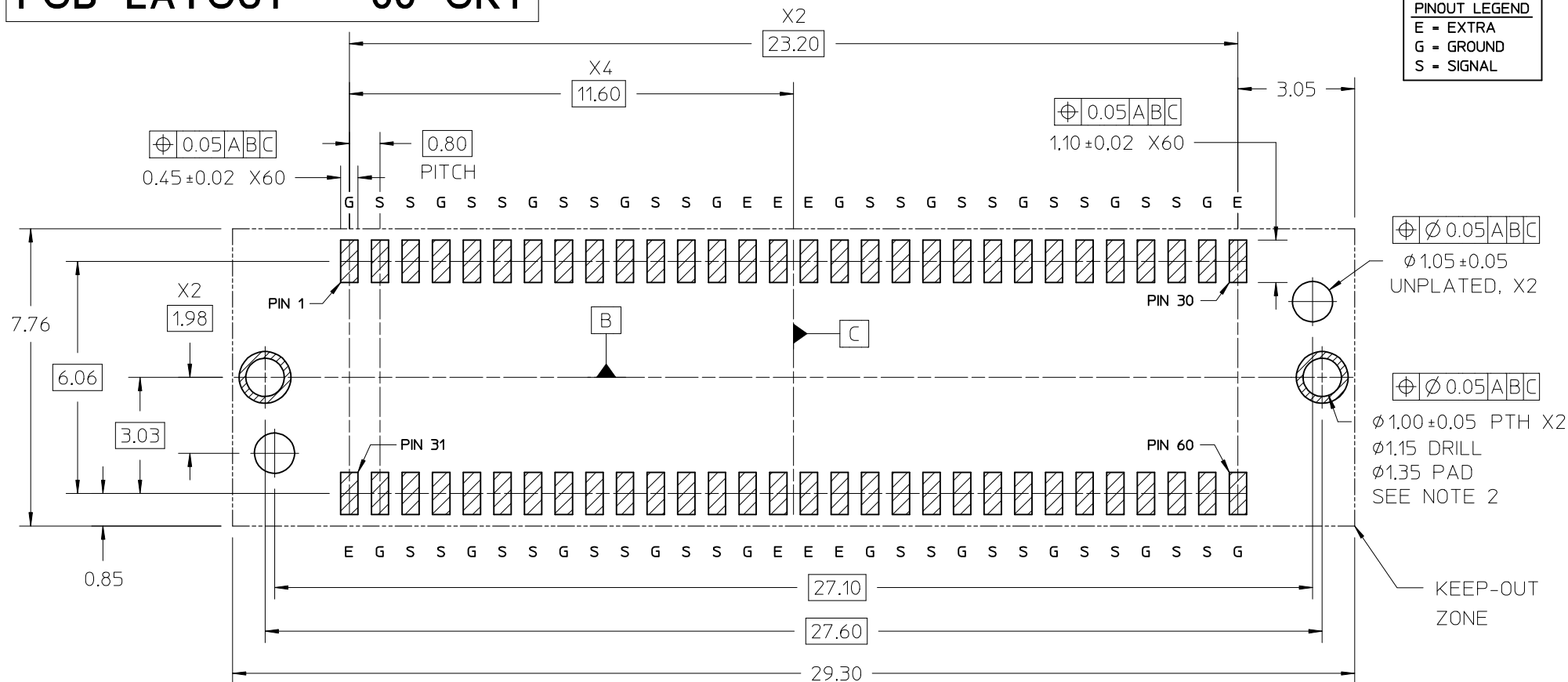
SOLDER PASTE THICKNESS: 0.15 MIN
 DATUM **A** IS THE BOTTOM SURFACE OF THE PCB

NOTES:

- PIN NUMBERING IS FOR REFERENCE ONLY.
OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- RETENTION NAIL MUST BE SOLDERED ONTO THE PCB FOR PROPER CONNECTOR FUNCTION.

SEE SHEET 1 EC NO: UCP2015-5331 DRAWN: JB INGHAM 2015/08/24 CHK'D:DMCGOWAN 2015/08/24 APPR:DMCGOWAN 2015/09/18	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
					MM ONLY		10:1	METRIC			
				mm	INCH	DRAWN BY	DATE	TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING molex			
			4 PLACES	± ---	± ---	JB INGHAM	2014/11/11				
			3 PLACES	± ---	± ---	CHECKED BY	DATE				
			2 PLACES	± 0.13	± ---	DMCGOWAN	2014/11/11				
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
			0 PLACE	± ---	± ---	DMCGOWAN	2015/01/26	DOCUMENT NO.		SHEET NO.	
			ANGULAR ±1/2°			MATERIAL NO.		SD-171450-3000		3 OF 8	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART					
			SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PCB LAYOUT – 60 CKT



PCB LAYOUT (COMPONENT SIDE)

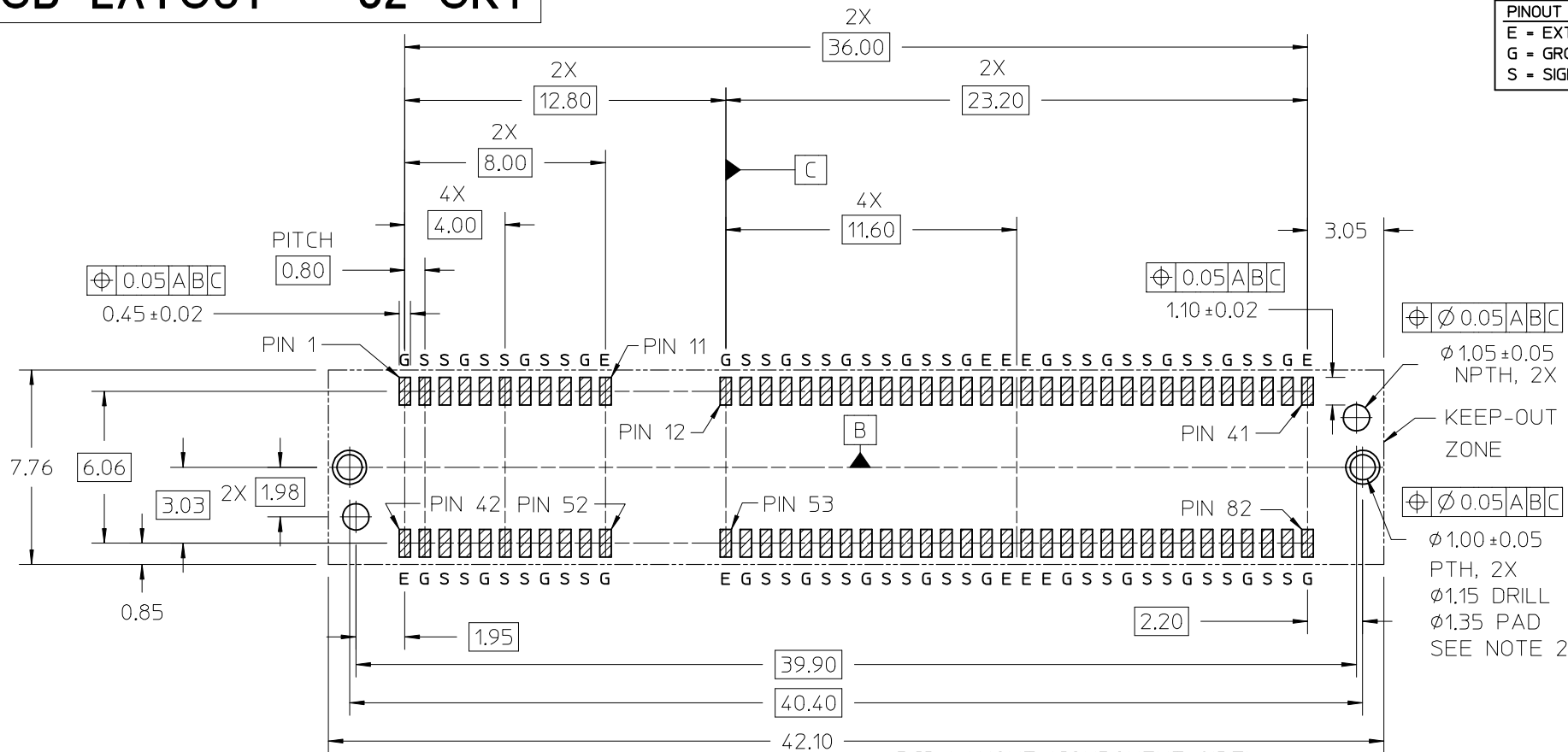
SOLDER PASTE THICKNESS: 0.15 MIN
DATUM [A] IS THE BOTTOM SURFACE OF THE PCB

NOTES:

- PIN NUMBERING IS FOR REFERENCE ONLY.
OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- RETENTION NAIL MUST BE SOLDERED ONTO THE PCB FOR PROPER CONNECTOR FUNCTION.

SEE SHEET 1 EC NO: UCP2015-5331 DRAWN: JB INGHAM 2015/08/24 CHKD:DMCGOWAN 2015/08/24 APPR:DMCGOWAN 2015/09/18	DESCRIPTION	QUALITY SYMBOLS FA=0 FB=0 FC=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JB INGHAM	DATE 2014/11/11	TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING molex				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	DMCGOWAN	2014/11/11					
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-171450-3000				
			1 PLACE	± 0.25	± ---	DMCGOWAN	2015/01/26					
			0 PLACE	± ---	± ---	MATERIAL NO.		SHEET NO. 4 OF 8				
			ANGULAR ±1/2°		SEE CHART							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B							

PCB LAYOUT – 82 CKT



PCB LAYOUT (COMPONENT SIDE)

SOLDER PASTE THICKNESS: 0.15 MIN

DATUM [A] IS THE BOTTOM SURFACE OF THE PCB

NOTES:

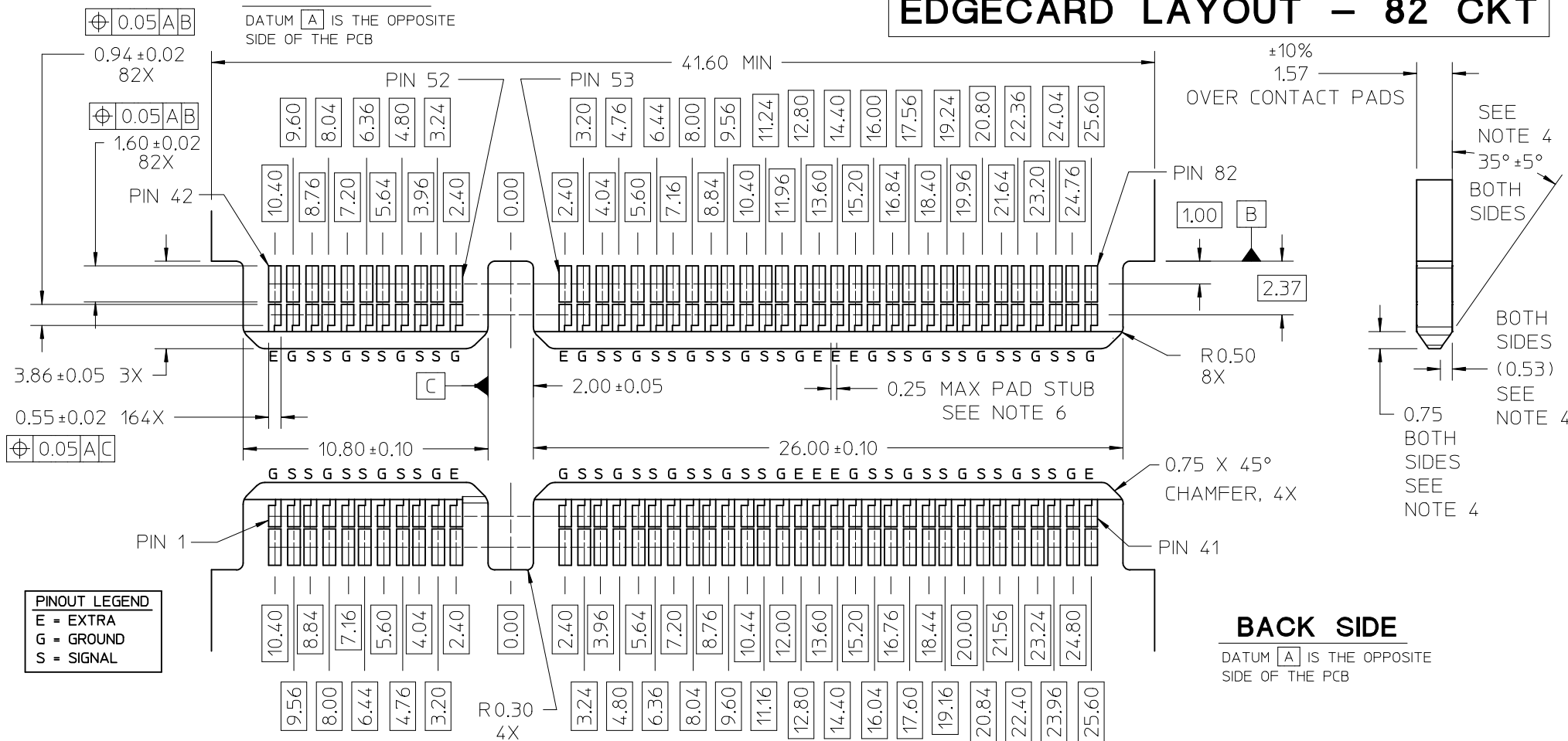
- PIN NUMBERING IS FOR REFERENCE ONLY. OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- RETENTION NAIL MUST BE SOLDERED ONTO THE PCB FOR PROPER CONNECTOR FUNCTION.

SEE SHEET 1 EC NO: UCP2015-5331 DRAWN: JB INGHAM 2015/08/24 CHKD:DMCGOWAN 2015/08/24 APPR:DMCGOWAN 2015/09/18 REV	DESCRIPTION	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JB INGHAM	DATE 2014/11/11	SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING molex					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	DMCGOWAN	2014/11/11						
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-171450-3000					
			1 PLACE	± 0.25	± ---	DMCGOWAN	2015/01/26						
			0 PLACE	± ---	± ---	MATERIAL NO.	SHEET NO. 5 OF 8						
			ANGULAR ±1/2°			SEE CHART							
			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				

FRONT SIDE

DATUM **A** IS THE OPPOSITE
SIDE OF THE PCB

EDGECARD LAYOUT – 82 CKT

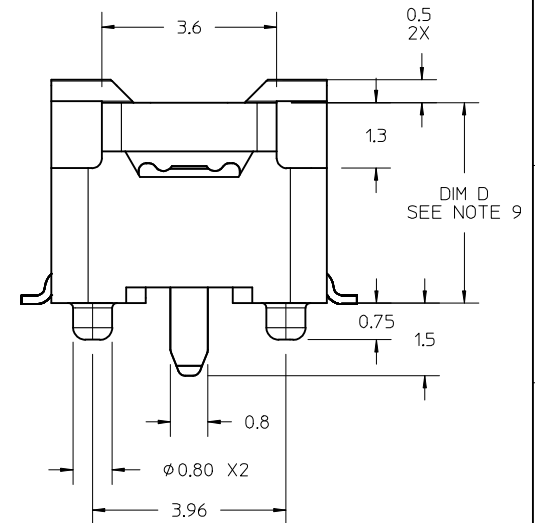
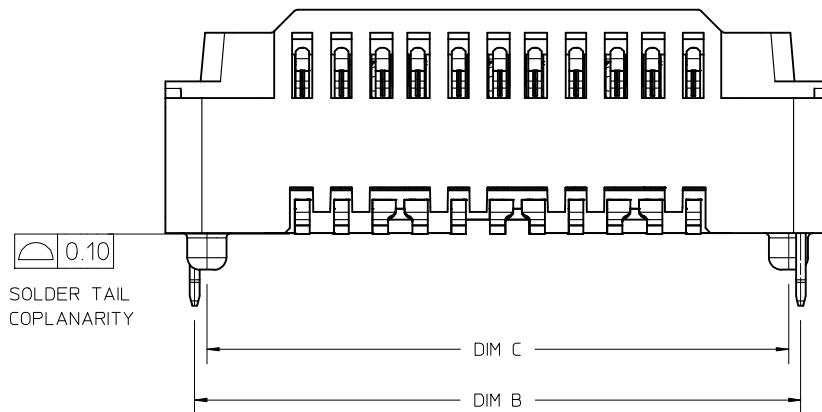
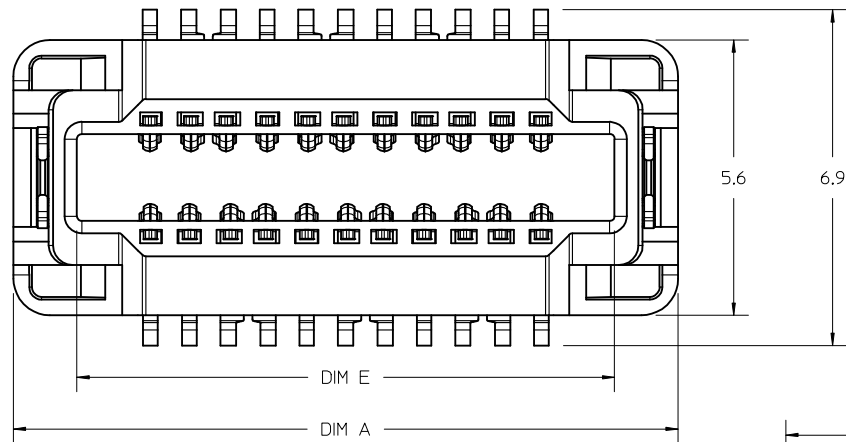


NOTES:

- PIN NUMBERING IS FOR REFERENCE ONLY. OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- EDGE CARD SHOULDERS STOP ON RECEPTACLE SHOULDERS. EDGE CARD BOTTOM DOES NOT CONTACT RECEPTACLE PCB.
- PAD SET BACK FROM CHAMFER ENOUGH TO ACCOMMODATE LARGEST CHAMFER WITHOUT DAMAGE TO PAD EDGE.
- CHAMFER DEPTH SHOULD BE AS LARGE AS PRACTICAL TO ENSURE CORRECT MATING TO THE RECEPTACLE.
- ALL CHAMFERED EDGES SHOULD BE ROUNDED WHERE POSSIBLE.
- INTERNAL PLATING BRIDGES ARE PREFERRED TO ELIMINATE PAD STUB.

SEE SHEET 1 EC NO: UCP2015-5331 DRAWN: JB INGHAM 2015/08/24 CHKD:DMCGOWAN 2015/08/24 APPR:DMCGOWAN 2015/09/18	DESCRIPTION	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION						
					DRAWN BY JB INGHAM	DATE 2014/11/11	TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING									
					CHECKED BY DMCGOWAN	DATE 2014/11/11										
					APPROVED BY DMCGOWAN	DATE 2015/01/26	DOCUMENT NO. SD-171450-3000 molex									
					MATERIAL NO.							SHEET NO. 8 OF 8				
					SEE CHART											
					SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

10	9	8	7	6	5	4	3	2	1
PART NUMBER	CKT SIZE	DIFF PAIRS	SPARE CKTS	DIM A	DIM B	DIM C	DIM E	DIM D	
171450-5102	22	6	2	13.6	12.40	11.90	11.0	4.10	
171450-5106	60	16	8	28.8	27.60	27.10	26.2	4.10	
171450-5114	82	22	10	41.6	40.40	39.90	11.0/ 26.2	4.10	



- NOTES:
1. MATERIALS: HOUSING: LCP, UL94V-0, BLACK
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 0.76 μ m MIN SELECT GOLD IN CONTACT AREA,
SELECT MATTE TIN IN TAIL AREA, OVERALL NICKEL.
 3. PRODUCT SPECIFICATION: PS-171446-0001
 4. PACKAGING SPECIFICATION: PK-70873-6002
 5. MATES WITH SPEEDSTACK PLUGS: 171446 & 171810
 6. APPLICATION SPECIFICATION: AS-171450-9999
 7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 8. PART STATUS: CONTACT MOLEX
 9. DIM D ON THIS DRAWING PLUS DIM D ON DRAWING # SD-171446-1000
EQUALS THE SYSTEM MATED STACK HEIGHT
 10. PARTS SHIPPED WITH PICK AND PLACE COVERS.

0.10
SOLDER TAIL
COPLANARITY

INITIAL RELEASE EC NO: UCP2017-0805 DRWN: JB INGHAM 2016/10/11 CHKD: DMC GOWAN 2016/10/11 APPR: DMC GOWAN 2016/10/25 REV A	QUALITY SYMBOLS $\nabla F=0$ $\nabla F=0$ $\nabla F=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$ --- 2 PLACES $\pm$ 0.13 $\pm$ --- 1 PLACE $\pm$ 0.25 $\pm$ --- 0 PLACE $\pm$ --- $\pm$ --- ANGULAR $\pm 1/2^\circ$ DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE JB INGHAM 2016/08/25 CHECKED BY DATE DMC GOWAN 2016/08/25 APPROVED BY DATE DMC GOWAN 2016/10/25 MATERIAL NO. SEE CHART SIZE B	SCALE 10:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING molex		DOCUMENT NO. SD-171450-5000 SHEET NO. 1 OF 8

MEZZANINE (PLUG & RECEPTACLE) STACKING CHART

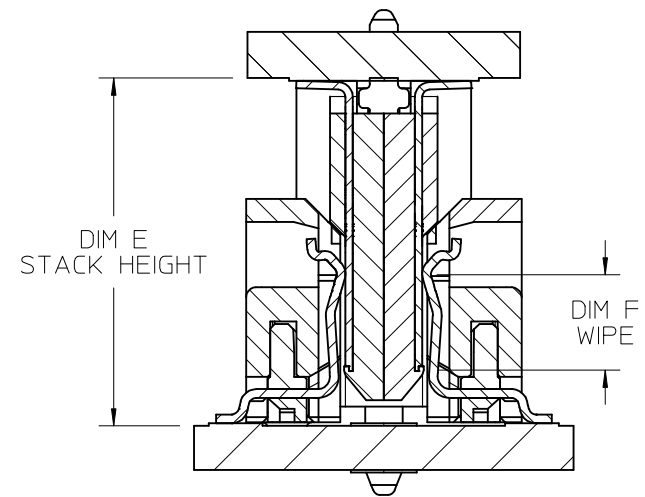
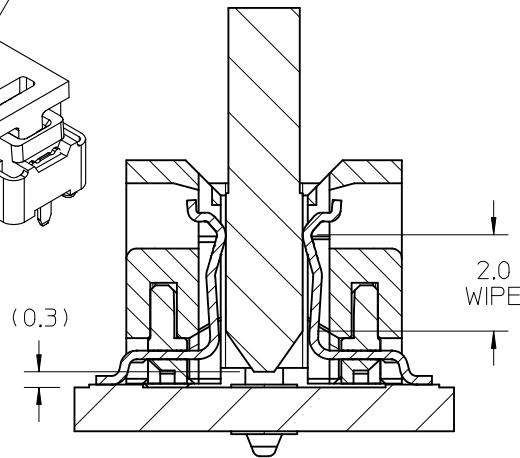
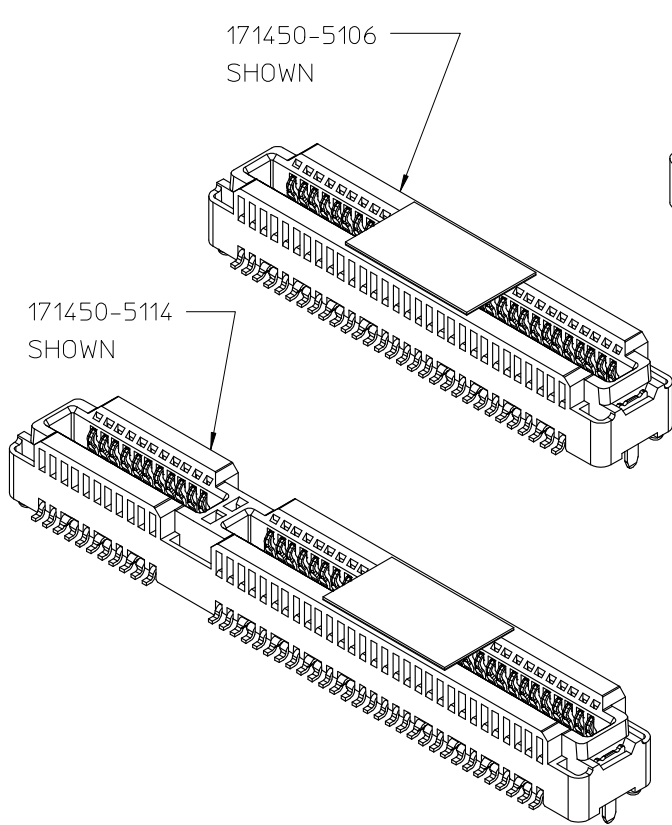
RECEPTACLE OPTIONS			PLUG OPTIONS (1mm WIPE)					PLUG OPTIONS (2mm WIPE)				
			HEIGHT	1mm	2mm	3mm	4mm	1mm	2mm	3mm	4mm	
			22 CKT	171446-1101	171446-1102	171446-1103	171446-1104	171446-1105	171446-1106	171446-1107	171446-1108	
			60 CKT	171446-1109	171446-1110	171446-1111	171446-1112	171446-1113	171446-1114	171446-1115	171446-1116	
	22 CKT	171450-5102	4mm	5/1	6/1	7/1	8/1	5/2	6/2	7/2	8/2	
	60 CKT	171450-5106										
	82 CKT	171450-5114										
	CIRCUITS	MOLEX P/N	HEIGHT	STACK HEIGHT (DIM E)/WIPE (DIM F)								

171450-5106
SHOWN

171450-5102
SHOWN

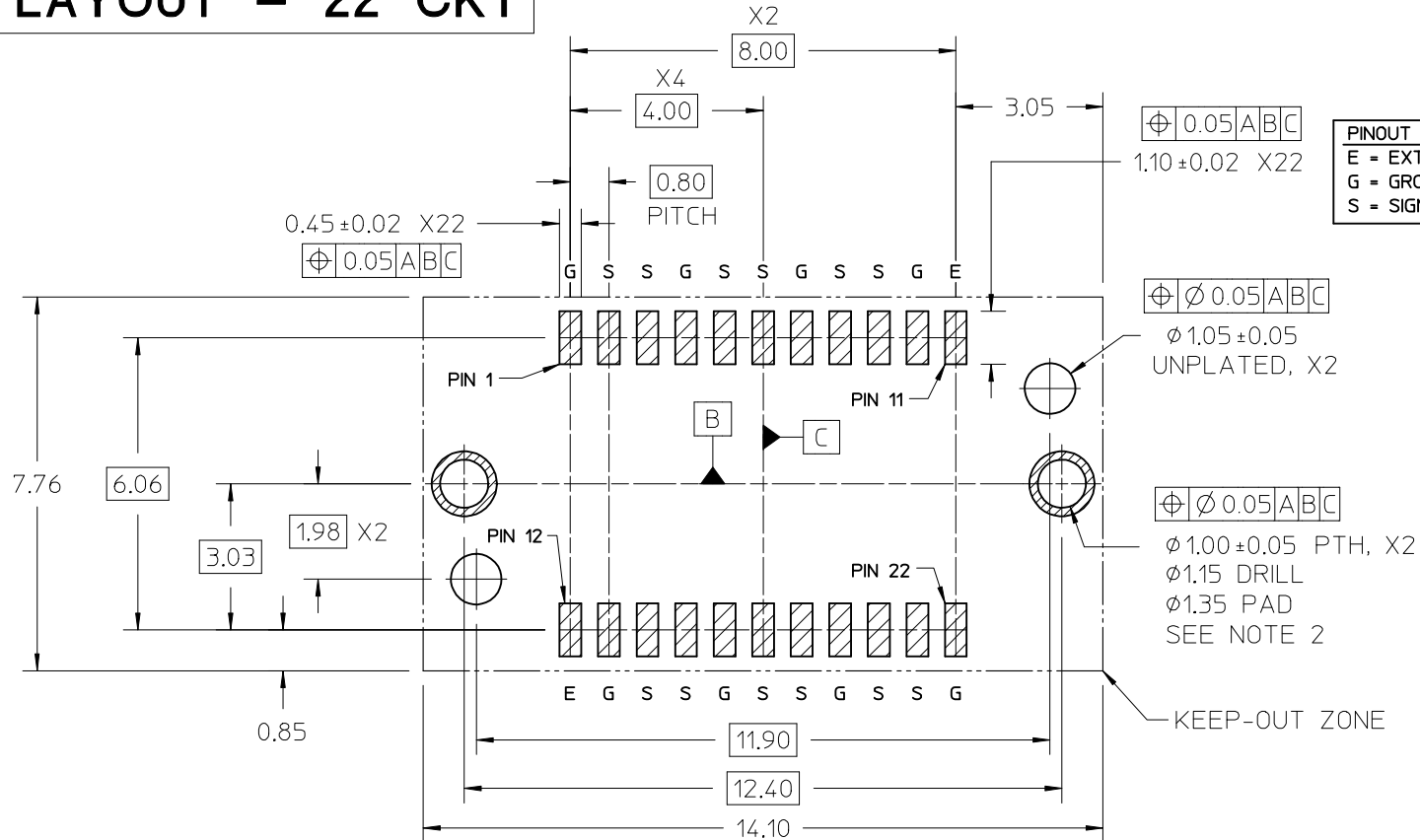
EDGE CARD APPLICATION

MEZZANINE APPLICATION
(PLUG & RECEPTACLE)



SEE SHEET 1 EC NO: UCP2017-0805 DRWN: JB INGHAM 2016/10/11 CHKD: DMCGOWAN 2016/10/11 APPR: DMCGOWAN 2016/10/25 REV A	QUALITY SYMBOLS ▽ F=0 ▽ F=0 ▽ F=0	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 JB INGHAM 2016/08/25 CHECKED BY DATE DMCGOWAN 2016/08/25 APPROVED BY DATE DMCGOWAN 2016/10/25 MATERIAL NO. SEE CHART SIZE B	SCALE 10:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING molex		DOCUMENT NO. SD-171450-5000 SHEET NO. 2 OF 8

PCB LAYOUT – 22 CKT

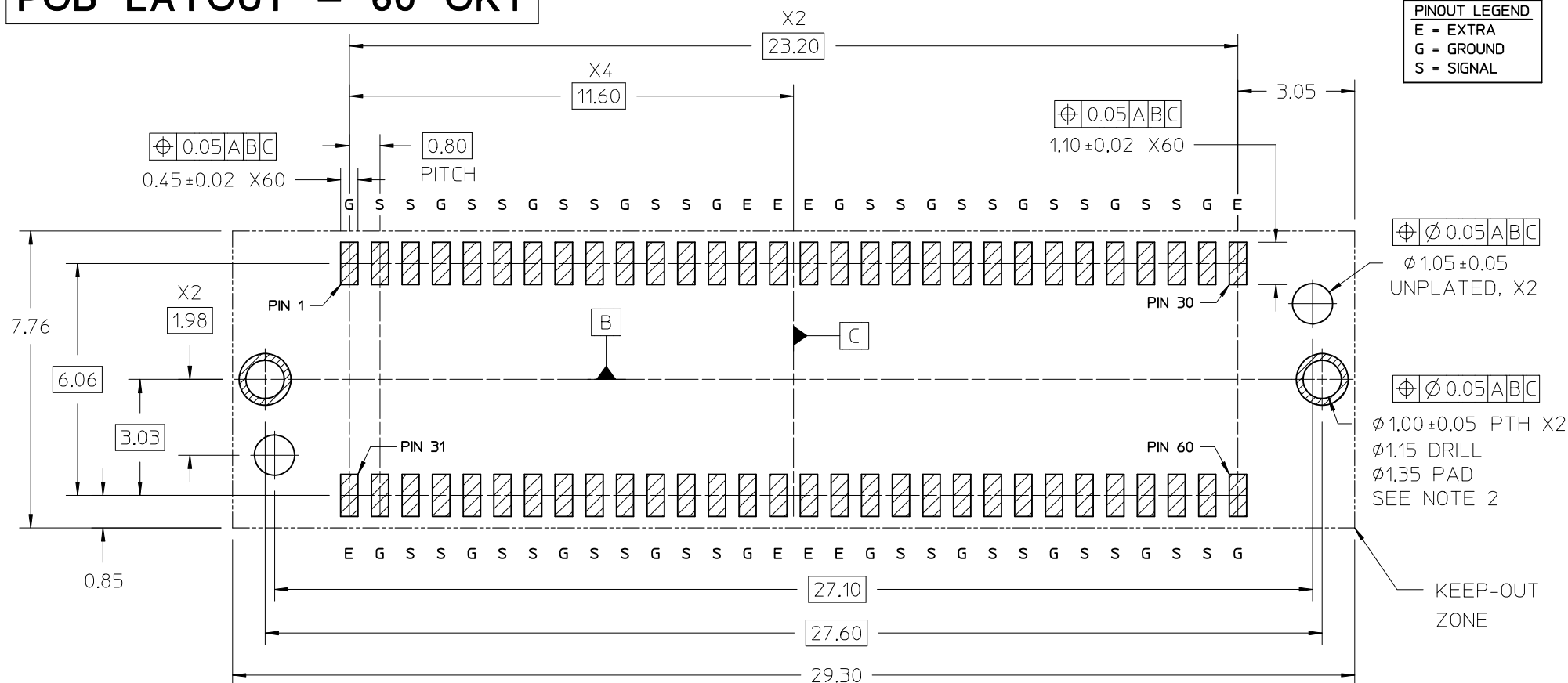


NOTES:

- PIN NUMBERING IS FOR REFERENCE ONLY.
OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- RETENTION NAIL MUST BE SOLDERED ONTO THE PCB FOR PROPER CONNECTOR FUNCTION.

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		10:1	METRIC		
				mm	INCH				
F/0		4 PLACES		± ---	± ---	DRAWN BY		DATE	
F/0		3 PLACES		± ---	± ---	JB INGHAM		2016/08/25	
F/0		2 PLACES		± 0.13	± ---	CHECKED BY		DATE	
		1 PLACE		± 0.25	± ---	DMCGOWAN		2016/08/25	
		0 PLACE		± ---	± ---	APPROVED BY		DATE	
						DMCGOWAN		2016/10/25	
						MATERIAL NO.		DOCUMENT NO.	
						SEE CHART		SD-171450-5000	
						SIZE B		SHEET NO.	
								3 OF 8	

PCB LAYOUT – 60 CKT



PCB LAYOUT (COMPONENT SIDE)

SOLDER PASTE THICKNESS: 0.15 MIN

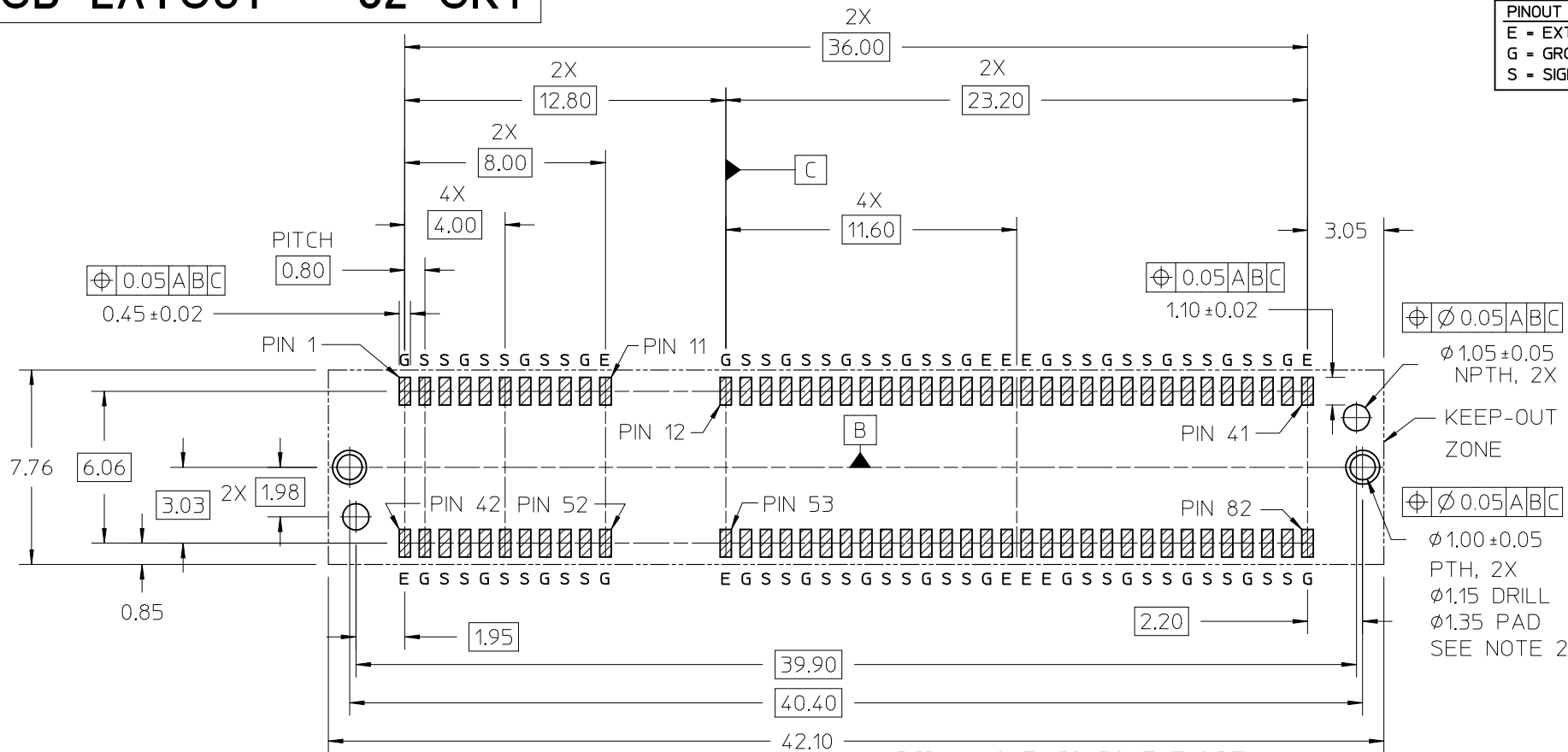
DATUM **A** IS THE BOTTOM SURFACE OF THE PCB

NOTES:

1. PIN NUMBERING IS FOR REFERENCE ONLY.
OTHER PIN NUMBERS WILL NOT AFFECT THE
OPERATION OF THE CONNECTOR.
2. RETENTION NAIL MUST BE SOLDERED ONTO THE
PCB FOR PROPER CONNECTOR FUNCTION.

SEE SHEET 1 EC NO: UCP2017-0805 DRWN:JB INGHAM 2016/10/11 CHKD:DMCGOWAN 2016/10/11 APPR:DMCGOWAN 2016/10/25	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></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	± ---	± ---	DIMENSION STYLE MM ONLY	SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH																			
				4 PLACES	± ---	± ---																			
				3 PLACES	± ---	± ---																			
				2 PLACES	± 0.13	± ---																			
				1 PLACE	± 0.25	± ---																			
				0 PLACE	± ---	± ---																			
DRAWN BY JB INGHAM	DATE 2016/08/25	TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING molex																							
CHECKED BY DMCGOWAN	DATE 2016/08/25																								
APPROVED BY DMCGOWAN	DATE 2016/10/25																								
MATERIAL NO.	DOCUMENT NO.	SHEET NO.																							
SEE CHART		SD-171450-5000	4 OF 8																						
SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								

PCB LAYOUT – 82 CKT



PINOUT LEGEND	
E	EXTRA
G	GROUND
S	SIGNAL

PCB LAYOUT (COMPONENT SIDE)

SOLDER PASTE THICKNESS: 0.15 MIN

DATUM [A] IS THE BOTTOM SURFACE OF THE PCB

NOTES:

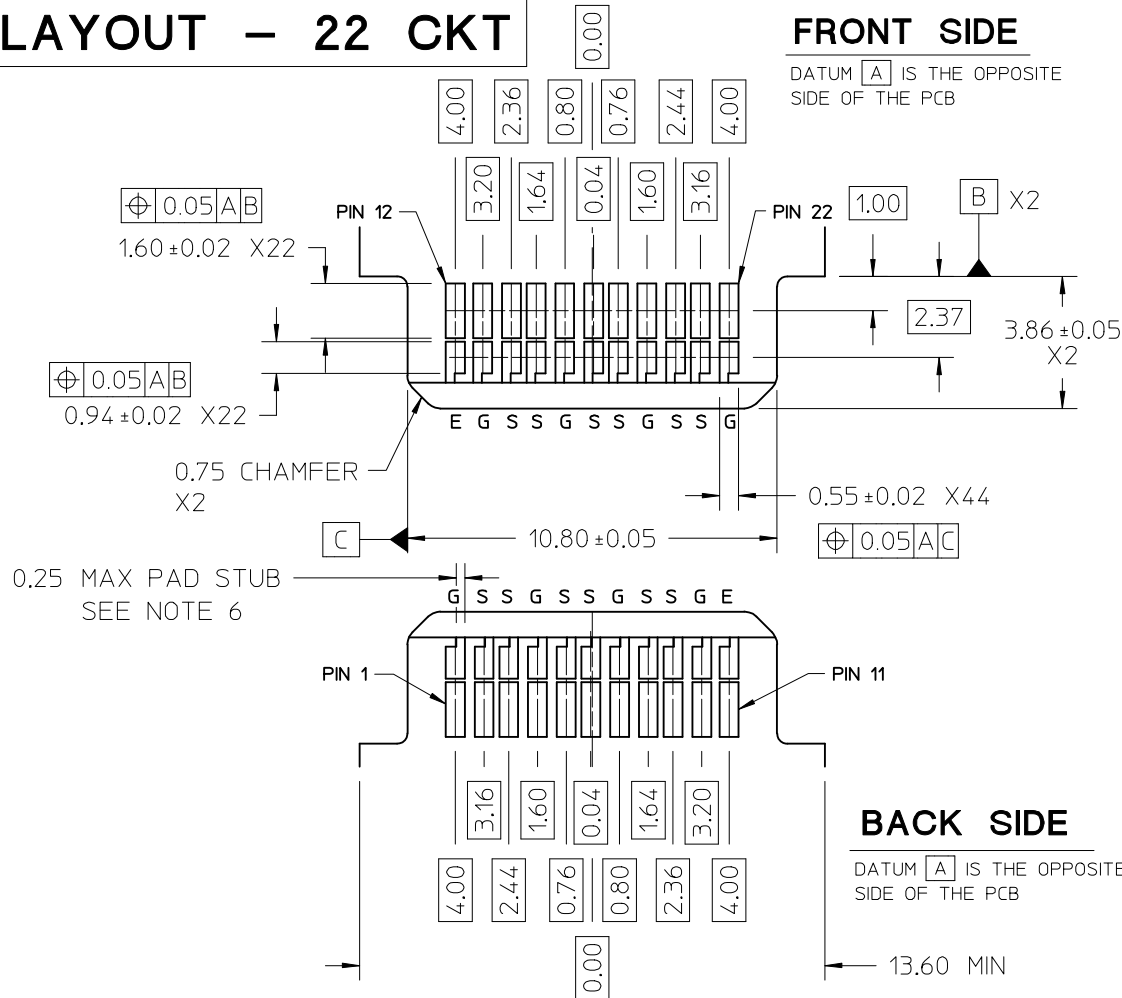
- PIN NUMBERING IS FOR REFERENCE ONLY. OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- RETENTION NAIL MUST BE SOLDERED ONTO THE PCB FOR PROPER CONNECTOR FUNCTION.

SEE SHEET 1 EC NO: UCP2017-0805 DRAWN: JB INGHAM 2016/10/11 CHKD:DMCGOWAN 2016/10/11 APPR:DMCGOWAN 2016/10/25	DESCRIPTION	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY JB INGHAM	DATE 2016/08/25	TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING molex			
			4 PLACES	± ---	± ---	CHECKED BY DMCGOWAN	DATE 2016/08/25				
			3 PLACES	± ---	± ---	APPROVED BY DMCGOWAN	DATE 2016/10/25	DOCUMENT NO. SD-171450-5000			
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART					
1 PLACE	± 0.25	± ---									
0 PLACE	± ---	± ---	SIZE B		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											
A	REV										

EDGECARD LAYOUT – 22 CKT

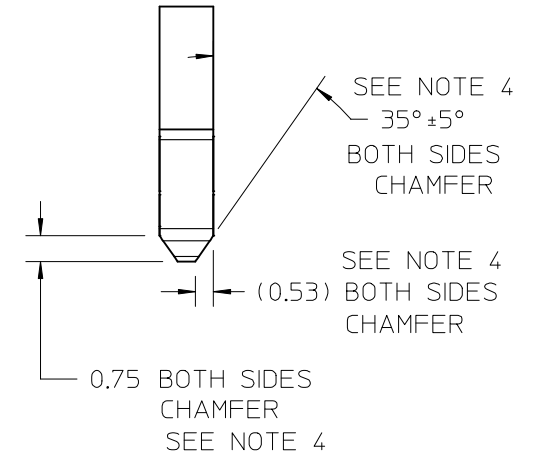
FRONT SIDE

DATUM **A** IS THE OPPOSITE SIDE OF THE PCB



OVER CONTACT PADS

±10%
1.57



BACK SIDE

DATUM **A** IS THE OPPOSITE SIDE OF THE PCB

PINOUT LEGEND

E - EXTRA
G - GROUND
S - SIGNAL

NOTES:

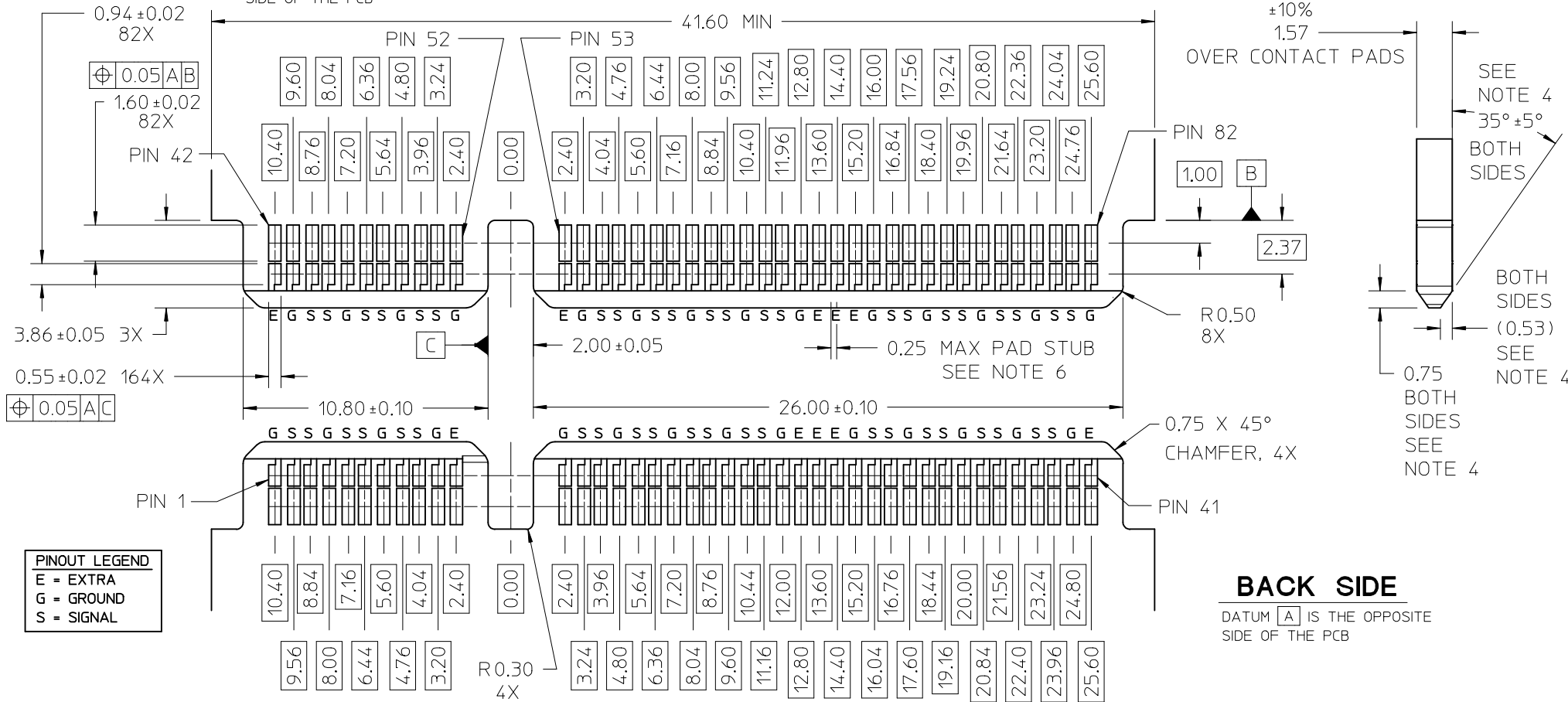
- PIN NUMBERING IS FOR REFERENCE ONLY. OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
- EDGE CARD SHOULDERS STOP ON RECEPTACLE SHOULDERS. EDGE CARD BOTTOM DOES NOT CONTACT RECEPTACLE PCB.
- PAD SET BACK FROM CHAMFER ENOUGH TO ACCOMMODATE LARGEST CHAMFER WITHOUT DAMAGE TO PAD EDGE.
- CHAMFER DEPTH SHOULD BE AS LARGE AS PRACTICAL TO ENSURE CORRECT MATING TO THE RECEPTACLE.
- ALL CHAMFERED EDGES SHOULD BE ROUNDED WHERE POSSIBLE.
- INTERNAL PLATING BRIDGES ARE PREFERRED TO ELIMINATE PAD STUB.

SEE SHEET 1 EC NO: UCP2017-0805 DRWN:JB INGHAM 2016/10/11 CHKD:DMCGOWAN 2016/10/11 APPR:DMCGOWAN 2016/10/25 A	DESCRIPTION	QUALITY SYMBOLS F7=0 F7=0 F7=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 7:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
			mm INCH		DRAWN BY JB INGHAM		DATE 2016/08/25		TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING					
			4 PLACES	± ---	± ---	CHECKED BY DMCGOWAN		DATE 2016/08/25						
			3 PLACES	± ---	± ---	APPROVED BY DMCGOWAN		DATE 2016/10/25						
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171450-5000			SHEET NO. 6 OF 8			
			1 PLACE	± 0.25	± ---									
			0 PLACE	± ---	± ---									
			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			

FRONT SIDE

DATUM **A** IS THE OPPOSITE
SIDE OF THE PCB

EDGECARD LAYOUT – 82 CKT



- NOTES:
- PIN NUMBERING IS FOR REFERENCE ONLY. OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
 - EDGE CARD SHOULDERS STOP ON RECEPTACLE SHOULDERS. EDGE CARD BOTTOM DOES NOT CONTACT RECEPTACLE PCB.
 - PAD SET BACK FROM CHAMFER ENOUGH TO ACCOMMODATE LARGEST CHAMFER WITHOUT DAMAGE TO PAD EDGE.
 - CHAMFER DEPTH SHOULD BE AS LARGE AS PRACTICAL TO ENSURE CORRECT MATING TO THE RECEPTACLE.
 - ALL CHAMFERED EDGES SHOULD BE ROUNDED WHERE POSSIBLE.
 - INTERNAL PLATING BRIDGES ARE PREFERRED TO ELIMINATE PAD STUB.

SEE SHEET 1 EC NO: UCP2017-0805 DRWN: JB INGHAM 2016/10/11 CHKD: DMCGOWAN 2016/10/11 APPR: DMCGOWAN 2016/10/25 REV A	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_E=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JB INGHAM	DATE 2016/08/25	TITLE SPEEDSTACK RECEPTACLE ASSEMBLY SALES DRAWING					
			4 PLACES	± ---	± ---	CHECKED BY DMCGOWAN	DATE 2016/08/25						
			3 PLACES	± ---	± ---	APPROVED BY DMCGOWAN		DATE 2016/10/25	molex				
			2 PLACES	± 0.13	± ---								
			1 PLACE	± 0.25	± ---	DOCUMENT NO. SD-171450-5000							
			0 PLACE	± ---	± ---						SHEET NO. 8 OF 8		
ANGULAR ±1/2°			MATERIAL NO.										
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								