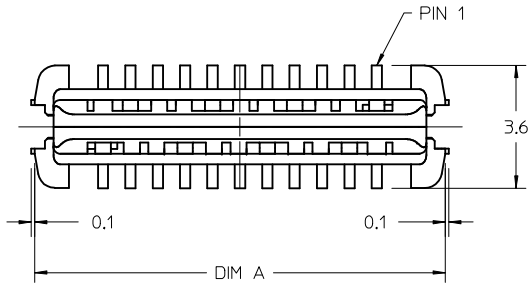
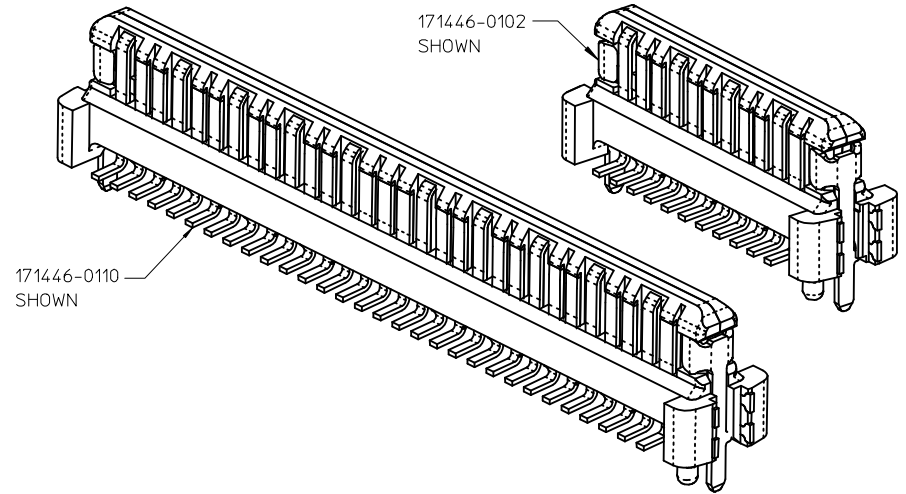
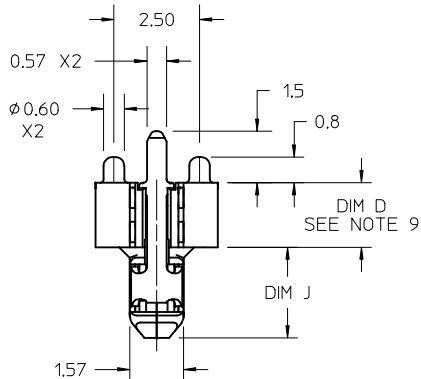
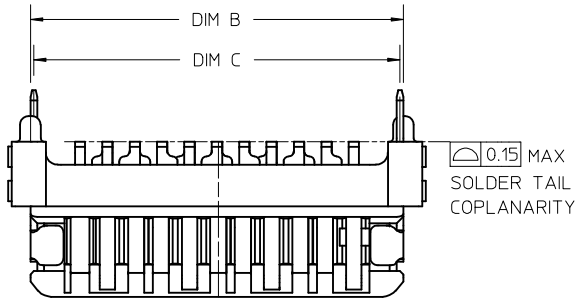


10 9 8 7 6 5 4 3 2 1



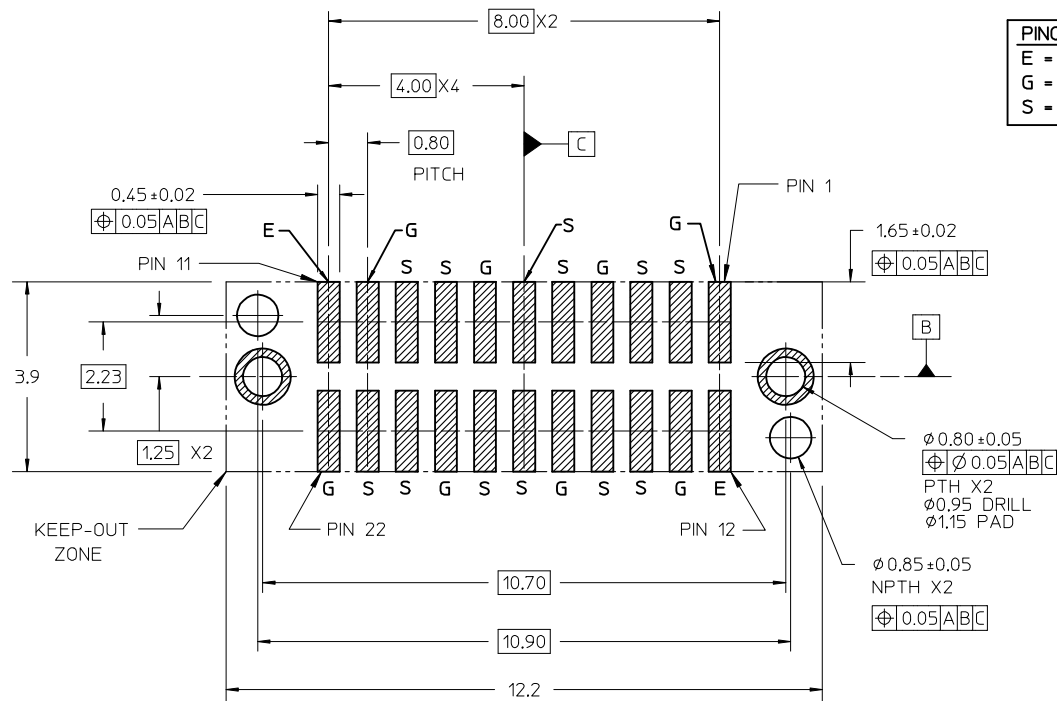
NOTES:

1. MATERIALS: HOUSING: LCP, UL94V-0, BLACK
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 0.76 μm MIN SELECT GOLD IN CONTACT AREA
SELECT TIN IN TAIL AREA, OVERALL NICKEL
3. PRODUCT SPECIFICATION: PS-171446-0001
4. PACKAGING SPECIFICATION: TAPE AND REEL
PER PK-70873-6003
5. MATES WITH SPEEDSTACK RECEPTACLE: 171450
6. APPLICATION SPECIFICATION: AS-171450-9998
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-171450-0000 EQUALS THE SYSTEM MATED
STACK HEIGHT

PART NUMBER	CKT SIZE	DIFF PAIRS	SPARE CKTS	DIM A	DIM B	DIM C	DIM D	DIM J
171446-0101	22	6	2	12.0	10.90	10.70	0.90	2.6
171446-0102							1.90	
171446-0103							2.90	
171446-0104							3.90	3.6
171446-0105							0.90	
171446-0106							1.90	
171446-0107	60	16	8	27.2	26.10	25.90	2.90	2.6
171446-0108							3.90	
171446-0109							0.90	
171446-0110							1.90	3.6
171446-0111							2.90	
171446-0112							3.90	
171446-0113							0.90	
171446-0114							1.90	
171446-0115							2.90	
171446-0116							3.90	

REVISED EC NO: UCP2014-3165 DRAWN: J.BRINGHAM CHKD: JLAURX APPR: JLAURX REV C	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 7:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY DATE		TITLE PLUG ASSEMBLY SPEEDSTACK CONNECTOR				
					TGREGORI 2013/03/27						
					CHECKED BY DATE		molex				
					APPROVED BY DATE						
		JCOMERC I 2013/04/25		DOCUMENT NO. SD-171446-0000							
		ANGULAR $\pm 1/2^\circ$		MATERIAL NO.		SHEET NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		1 OF 3					
				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

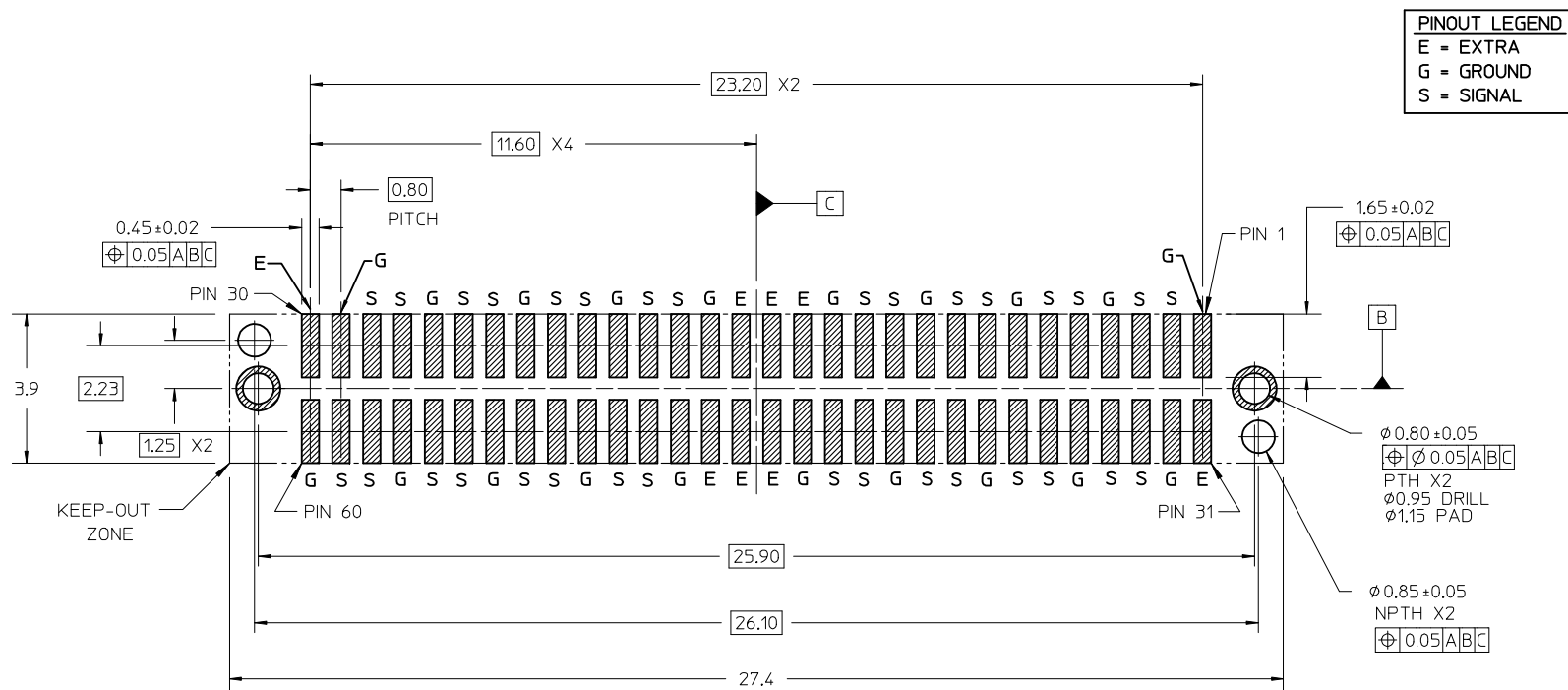
DATUM **A** IS THE BOTTOM SURFACE OF THE PCB

NOTE:

PIN NUMBERING IS FOR REFERENCE ONLY.
OTHER PIN NUMBERS WILL NOT AFFECT THE
OPERATION OF THE CONNECTOR.

SEE SHEET 1 EC NO: UCP2014-3165 DRAWN: J.BINGHAM 2014/02/03 CHKD: JLAURX 2014/02/03 APPR: JLAURX 2014/03/11	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm INCH	DRAWN BY T.GREGORI	DATE 2013/03/27	TITLE PLUG ASSEMBLY SPEEDSTACK CONNECTOR molex			
			4 PLACES	± --- ± ---	CHECKED BY	DATE				
			3 PLACES	± --- ± ---						
			2 PLACES	± 0.13 ± ---			SHEET NO. 2 OF 3			
			1 PLACE	± 0.25 ± ---	APPROVED BY JCOMERC I	DATE 2013/04/25				
			0 PLACE	± --- ± ---						
		ANGULAR ±1/2°	MATERIAL NO.		DOCUMENT NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 1		SD-171446-0000					
	REV		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

NOTE:
PIN NUMBERING IS FOR REFERENCE ONLY.
OTHER PIN NUMBERS WILL NOT AFFECT
THE OPERATION OF THE CONNECTOR.

SEE SHEET 1 EC NO: UCP2014-3165 DRWN: B INGHAM 2014/02/03 CHKD: LAURX 2014/02/03 APPR: LAURX 2014/03/11	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY TGREGOR I	DATE 2013/03/27	TITLE PLUG ASSEMBLY SPEEDSTACK CONNECTOR				
		4 PLACES	± ---	± ---	CHECKED BY	DATE					
		3 PLACES	± ---	± ---							
		2 PLACES	± 0.13	± ---	APPROVED BY JCOMERC I		DATE 2013/04/25	DOCUMENT NO. molex SD-171446-0000			
		1 PLACE	± 0.25	± ---							
		0 PLACE	± ---	± ---							
		ANGULAR ±1/2°			MATERIAL NO.		SHEET NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET 1		3 OF 3				
REV					SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					