

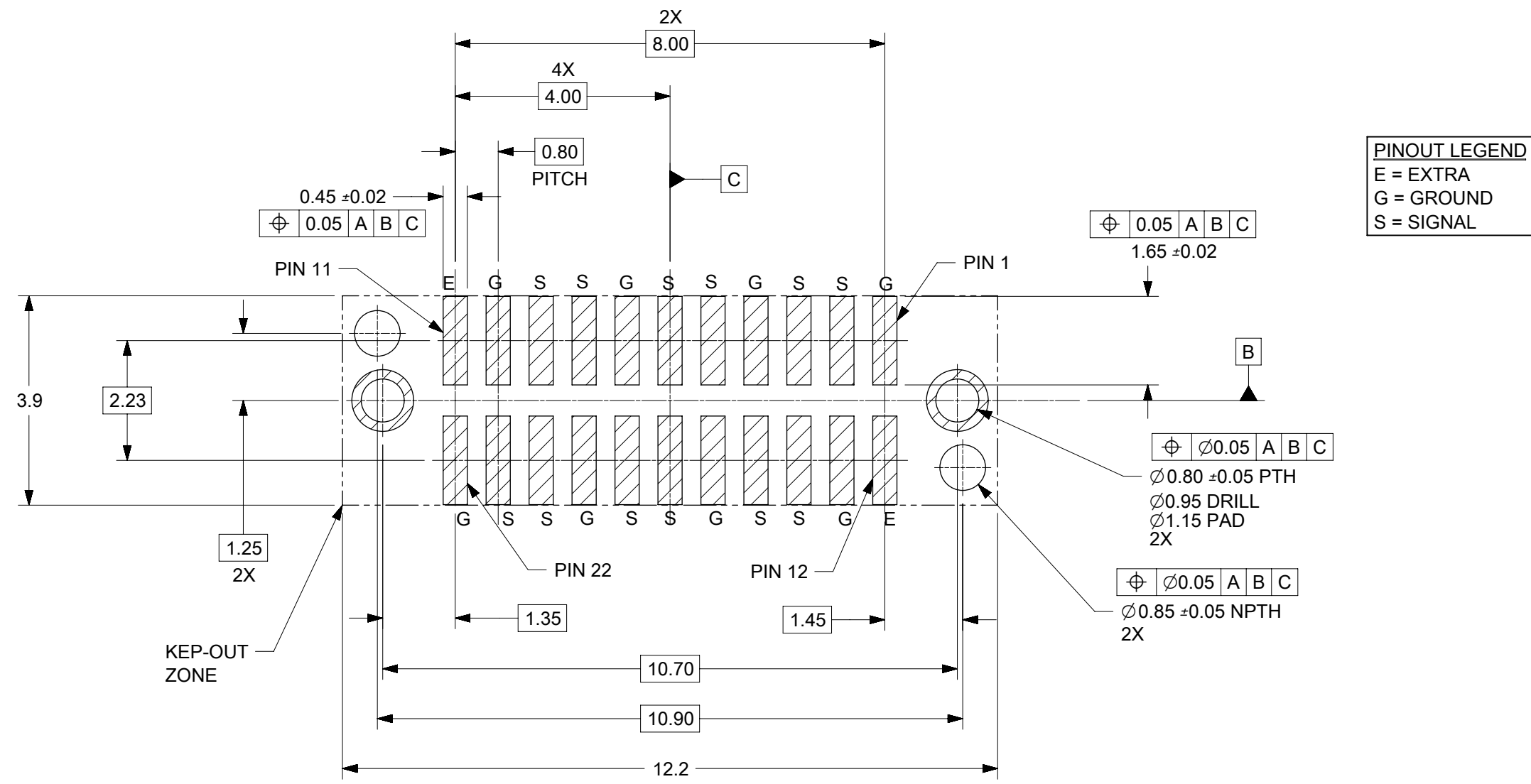
PART NUMBER	CKT SIZE	DIFF PAIRS	SPARE CKTS	DIM A	DIM B	DIM C	DIM D	DIM J
171446-1101	22	6	2	12.0	10.90	10.70	0.90	2.6
171446-1102							1.90	
171446-1103							2.90	
171446-1104							3.90	
171446-1105	60	16	8	27.2	26.10	25.90	0.90	3.6
171446-1106							1.90	
171446-1107							2.90	
171446-1108							3.90	
171446-1109	60	16	8	27.2	26.10	25.90	0.90	2.6
171446-1110							1.90	
171446-1111							2.90	
171446-1112							3.90	
171446-1113	60	16	8	27.2	26.10	25.90	0.90	3.6
171446-1114							1.90	
171446-1115							2.90	
171446-1116							3.90	

NOTES:

- MATERIALS: HOUSING: LCP, UL94V-0, BLACK  
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
- FINISH: 0.76 μm MIN SELECT GOLD IN CONTACT AREA  
SELECT MATTE TIN IN TAIL AREA, OVERALL NICKEL
- PRODUCT SPECIFICATION: PS-171446-0001
- PACKAGING SPECIFICATION: TAPE AND REEL  
PER PK-70873-6003
- MATES WITH SPEEDSTACK RECEPTACLE: 171450
- APPLICATION SPECIFICATION: AS-171450-9999
- COSMETIC SPECIFICATION: PS-45499-002 CLASS B
- PART STATUS: CONTACT MOLEX
- DIM D ON THIS DRAWING PLUS DIM D ON DRAWING  
SD-171450-5000 EQUALS THE SYSTEM MATED STACK HEIGHT
- PARTS TO BE SHIPPED WITH PICK & PLACE COVERS.

<b>QUALITY SYMBOLS</b> 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	MIGRATED TO NX EC NO: 122646 DRWN: MAZAM CHKD: JBINGHAM REV APPR: KLANG	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.5 °		DIMENSION UNITS: mm SCALE: 10:1		 <b>SPEEDSTACK PLUG ASSEMBLY SALES DRAWING</b> <b>PRODUCT CUSTOMER DRAWING</b>					
		4 PLACES ±		DRWN BY: JBINGHAM DATE: 2016/12/05							
		3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±		CHK'D BY: KLANG DATE: 2016/12/05							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: B THIRD ANGLE PROJECTION		SERIES: 171446 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET							
RELEASE STATUS: P1 RELEASE DATE: 03.10.2017 19:19:21		DOCUMENT NUMBER: SD-171446-1000 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 1 OF 3									

# PCB LAYOUT - 22 CKT



## PCB LAYOUT (COMPONENT SIDE)

SOLDER PASTE THICKNESS: 0.15 MIN

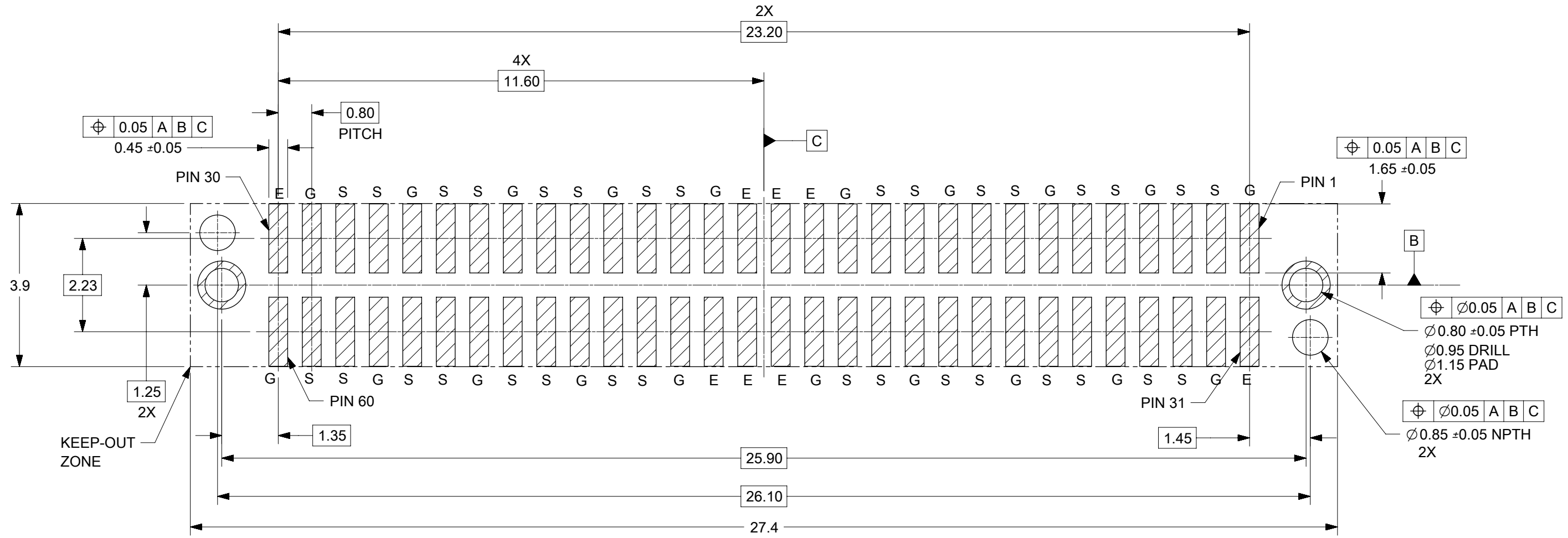
DATUM **A** IS THE BOTTOM SURFACE OF THE PCB

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
QUALITY SYMBOLS	EC NO: 122646 DRWN: MAZAM CHKD: JBINGHAM APPR: KLANG MIGRATED TO NX	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
		ANGULAR TOL ± 0.5 °		mm	10:1				
▽ = 0	EC NO: 122646 DRWN: MAZAM CHKD: JBINGHAM APPR: KLANG MIGRATED TO NX	4 PLACES ±	DRWN BY	DATE	SPEEDSTACK PLUG ASSEMBLY SALES DRAWING				
▽ = 0		3 PLACES ±	JBINGHAM	2016/12/05					
▽ = 0		2 PLACES ± 0.13	CHK'D BY	DATE					
▼ = 0		1 PLACE ± 0.25	KLANG	2016/12/05	PRODUCT CUSTOMER DRAWING				
▽ = 0		0 PLACES ±	APPR BY	DATE					
☒ = 0			KLANG	2016/12/20	SERIES	MATERIAL NUMBER	CUSTOMER		
■ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	171446	SEE CHART	GENERAL MARKET	
▽ = 0				B		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
						SD-171446-1000	PSD	001	2 OF 3

# PCB LAYOUT - 60 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

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

QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ⊠ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	EC NO: 122646 DRWN: MAZAM CHKD: JBINGHAM APPR: KLANG	2017/09/25 2017/09/28 2017/10/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
			ANGULAR TOL ± 0.5 °		mm	10:1				
			4 PLACES ±	DRWN BY	DATE					
			3 PLACES ±	JBINGHAM	2016/12/05					
			2 PLACES ± 0.13	CHK'D BY	DATE					
	1 PLACE ± 0.25	KLANG	2016/12/05							
	0 PLACES ±	APPR BY	DATE	PRODUCT CUSTOMER DRAWING						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		KLANG	2016/12/20	DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER	
			B		B		171446	SEE CHART	GENERAL MARKET	
		A4				DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	
						SD-171446-1000	PSD	001	3 OF 3	