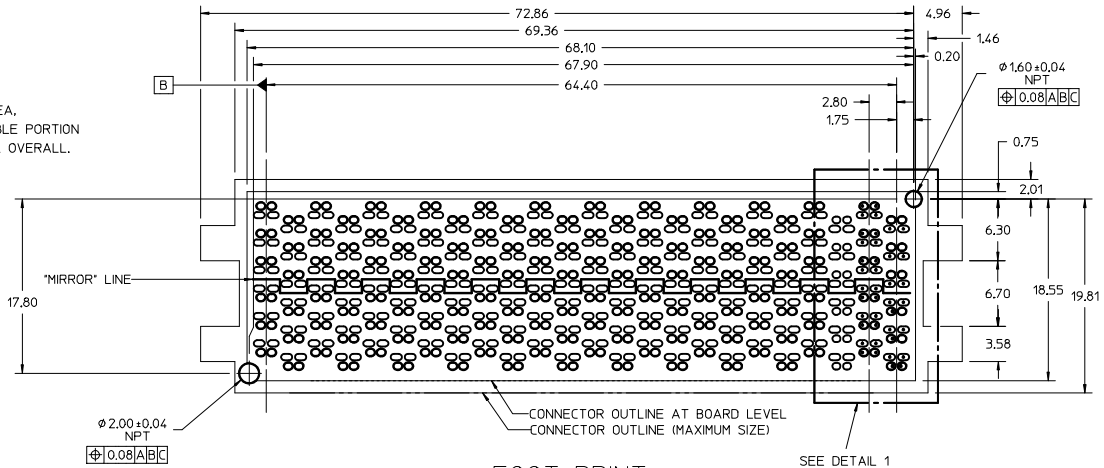
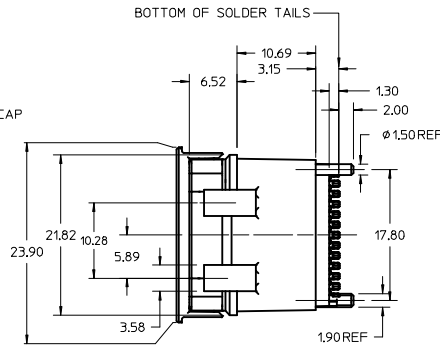
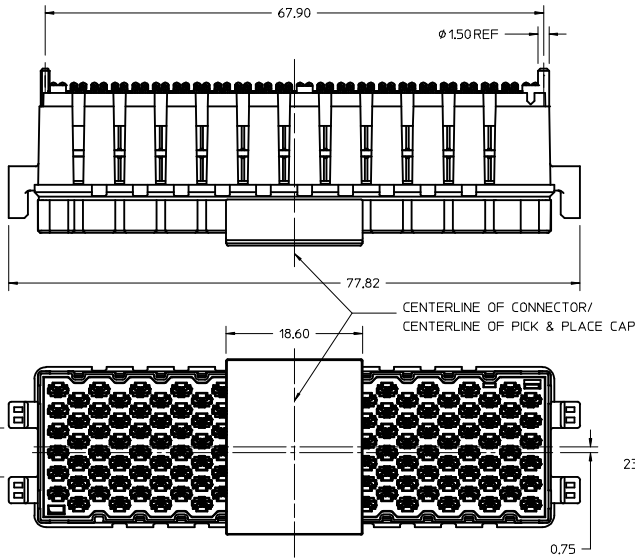
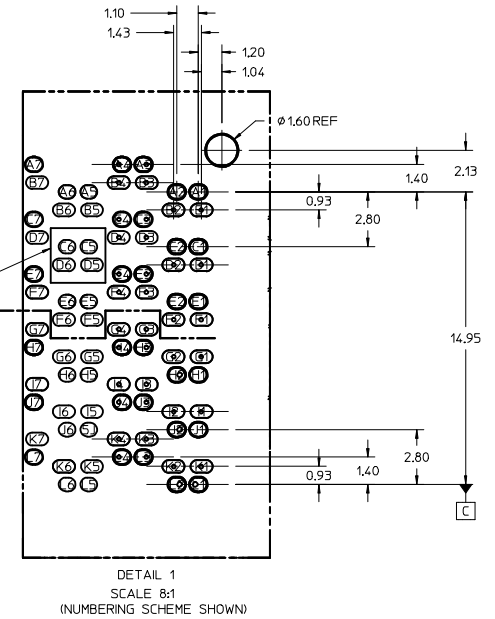


- NOTES:
- HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK
CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY
SOLDER CHARGE: LEAD FREE SOLDER ALLOY
 - FINISH:
CONTACTS: 30 MNCHES MIN SELECT GOLD ON CONTACT AREA,
AND 100 MNCHES MIN SELECT TIN ON SOLDERABLE PORTION
OF SOLDER TAILS; OVER 50 MNCHES MIN NICKEL OVERALL.
 - PRODUCT SPECIFICATION: PS-170807-0001
 - PACKAGING SPECIFICATION: PK-170807-002
 - APPLICATION SPECIFICATION: AS-170807-0001
 - MATES TO 1708142007.



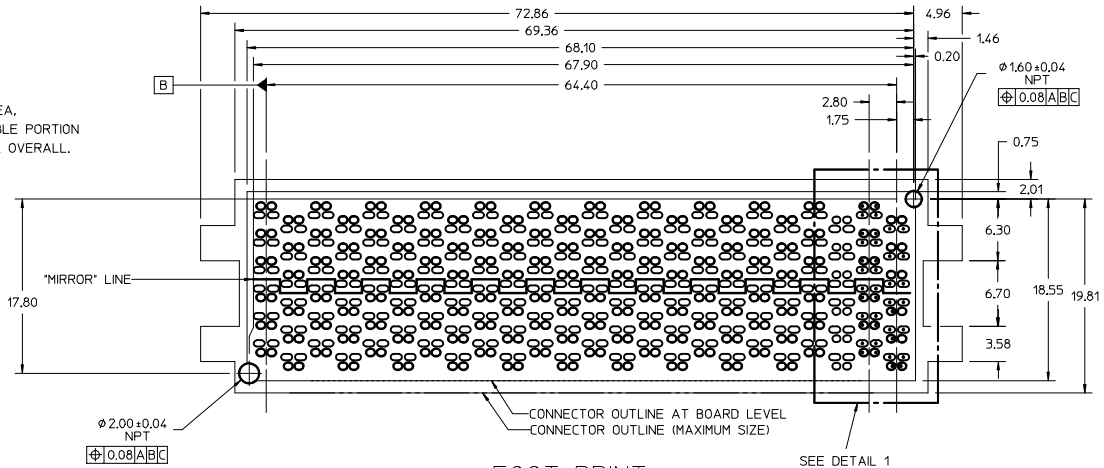
FOOT PRINT
(SCALE 4:1)

- FOOT PRINT NOTES:
- DATUM -A- IS THE TOP OF THE PCB.
 - ALL DIMENSIONS ARE BASICS.
 - SEE APPLICATION SPECIFICATION FOR ADDITIONAL INFORMATION



UPDATE REVISION IEC NO: UCP2016-1035 DRAWNSKANG 2015/09/10 CHYKJESSIECHUA 2015/09/30 APPR:SHONG 2015/09/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	JESSIECHUA 2014/07/23	PLUG WITH POWER 6X24, 18MM, 100 OHMS NEOSCALE		
▽=0	2 PLACES ± 0.15 ± ---	CHECKED BY DATE	DOCUMENT NO.			SHEET NO.
	1 PLACE ± --- ± ---	KPELOZA 2014/07/24	SD-170807-2007			1 OF 2
	0 PLACE ± --- ± ---	APPROVED BY DATE	MATERIAL NO.			
		SHONG 2014/09/04	1708072007			
		ANGULAR ±1/2°	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				

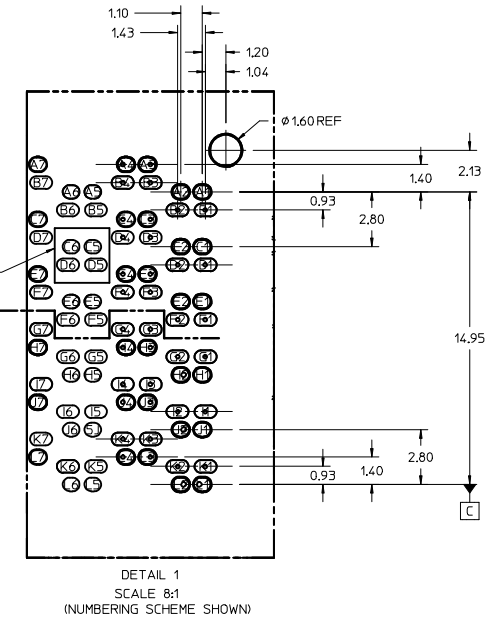
- NOTES:
- HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK
CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY
SOLDER CHARGE: LEAD FREE SOLDER ALLOY
 - FINISH:
CONTACTS: 30 MNCHES MIN SELECT GOLD ON CONTACT AREA,
AND 100 MNCHES MIN SELECT TIN ON SOLDERABLE PORTION
OF SOLDER TAILS; OVER 50 MNCHES MIN NICKEL OVERALL.
 - PRODUCT SPECIFICATION: PS-170807-0001
 - PACKAGING SPECIFICATION: PK-170807-002
 - APPLICATION SPECIFICATION: AS-170807-0001
 - MATES TO 1708142007.



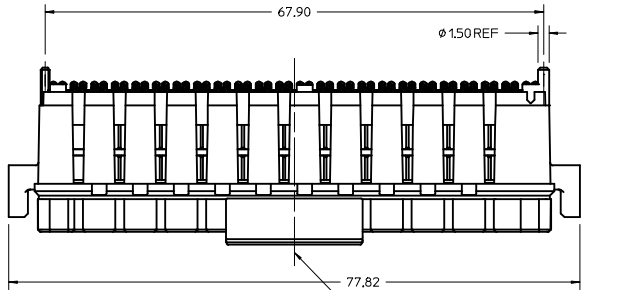
FOOT PRINT
(SCALE 4:1)

- FOOT PRINT NOTES:
- DATUM -A- IS THE TOP OF THE PCB.
 - ALL DIMENSIONS ARE BASICS.
 - SEE APPLICATION SPECIFICATION FOR ADDITIONAL INFORMATION

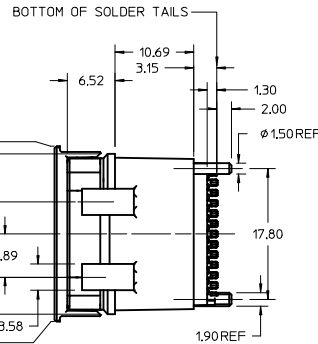
SEE DETAIL 1



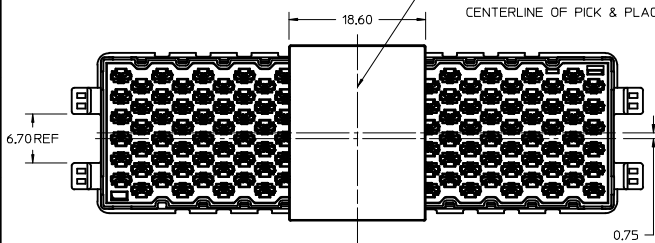
DETAIL 1
SCALE 8:1
(NUMBERING SCHEME SHOWN)



CENTERLINE OF CONNECTOR/
CENTERLINE OF PICK & PLACE CAP

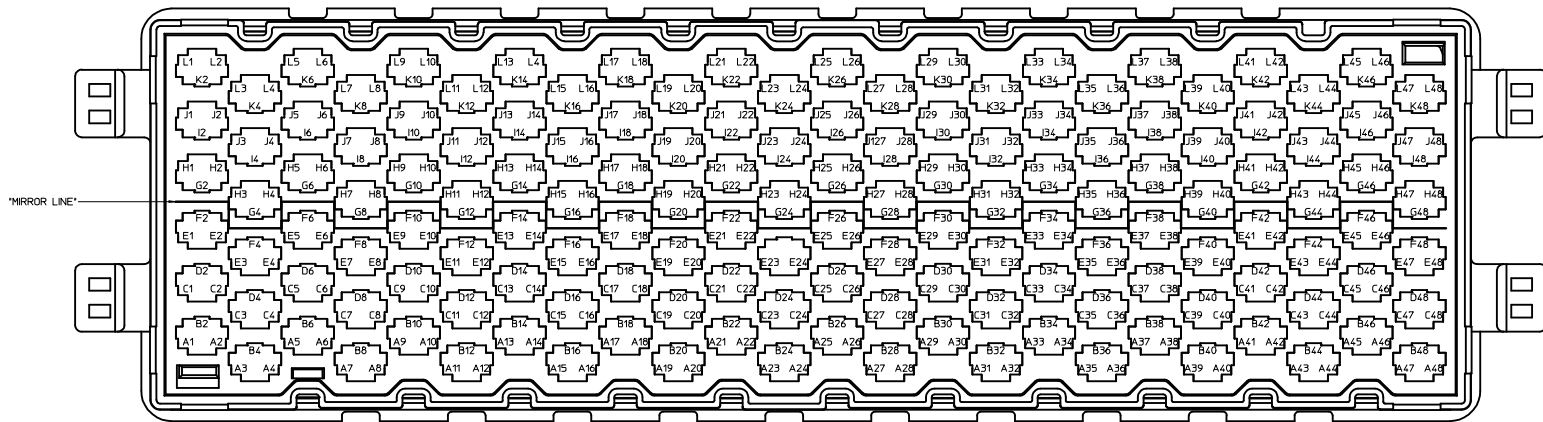


BOTTOM OF SOLDER TAILS



UPDATE REVISION IEC NO: UCP2016-1035 DRAWNSKANG 2015/09/10 CHYKJESSIECHUA 2015/09/30 APPR:SHONG 2015/09/30	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	mm INCH	DRAWN BY JESSIECHUA	DATE 2014/07/23	TITLE PLUG WITH POWER 6X24, 18MM, 100 OHMS NEOSCALE			
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY SHONG	DATE 2014/09/04	molex			
				MATERIAL NO. 1708072007	DOCUMENT NO. SD-170807-2007	SHEET NO. 1 OF 2			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



TOP VIEW OF 1708072007 -- A 6 ROW X 24 COLUMN PLUG CONTACT IDENTIFICATION AND LOCATION
 (A, C, E, H, J AND L ARE SIGNAL CONTACTS)
 (B, D, F, G, I AND K ARE SHIELD CONTACTS)
 (TRIADS ARE NOT SHOWN)

PIN-OUT CHART FOR 1708072007 PLUG (6 ROWS X 24 COLUMNS)

L1 L2 SIG 100 K1 K2	L3 L4 SIG 100 K3 K4	L5 L6 SIG 100 K5 K6	L7 L8 SIG 100 K7 K8	L9 L10 SIG 100 K9 K10	L11 L12 SIG 100 K11 K12	L13 L14 SIG 100 K13 K14	L15 L16 SIG 100 K15 K16	L17 L18 SIG 100 K17 K18	L19 L20 SIG 100 K19 K20	L21 L22 SIG 100 K21 K22	L23 L24 SIG 100 K23 K24	L25 L26 SIG 100 K25 K26	L27 L28 SIG 100 K27 K28	L29 L30 SIG 100 K29 K30	L31 L32 SIG 100 K31 K32	L33 L34 SIG 100 K33 K34	L35 L36 SIG 100 K35 K36	L37 L38 SIG 100 K37 K38	L39 L40 SIG 100 K39 K40	L41 L42 SIG 100 K41 K42	L43 L44 SIG 100 K43 K44	L45 L46 POWER K45 K46	L47 L48 POWER K47 K48
J1 J2 SIG 100 H1 H2	J3 J4 SIG 100 H3 H4	J5 J6 SIG 100 H5 H6	J7 J8 SIG 100 H7 H8	J9 J10 SIG 100 H9 H10	J11 J12 SIG 100 H11 H12	J13 J14 SIG 100 H13 H14	J15 J16 SIG 100 H15 H16	J17 J18 SIG 100 H17 H18	J19 J20 SIG 100 H19 H20	J21 J22 SIG 100 H21 H22	J23 J24 SIG 100 H23 H24	J25 J26 SIG 100 H25 H26	J27 J28 SIG 100 H27 H28	J29 J30 SIG 100 H29 H30	J31 J32 SIG 100 H31 H32	J33 J34 SIG 100 H33 H34	J35 J36 SIG 100 H35 H36	J37 J38 SIG 100 H37 H38	J39 J40 SIG 100 H39 H40	J41 J42 SIG 100 H41 H42	J43 J44 SIG 100 H43 H44	J45 J46 POWER H45 H46	J47 J48 POWER H47 H48
H1 H2 SIG 100 G1 G2	H3 H4 SIG 100 G3 G4	H5 H6 SIG 100 G5 G6	H7 H8 SIG 100 G7 G8	H9 H10 SIG 100 G9 G10	H11 H12 SIG 100 G11 G12	H13 H14 SIG 100 G13 G14	H15 H16 SIG 100 G15 G16	H17 H18 SIG 100 G17 G18	H19 H20 SIG 100 G19 G20	H21 H22 SIG 100 G21 G22	H23 H24 SIG 100 G23 G24	H25 H26 SIG 100 G25 G26	H27 H28 SIG 100 G27 G28	H29 H30 SIG 100 G29 G30	H31 H32 SIG 100 G31 G32	H33 H34 SIG 100 G33 G34	H35 H36 SIG 100 G35 G36	H37 H38 SIG 100 G37 G38	H39 H40 SIG 100 G39 G40	H41 H42 SIG 100 G41 G42	H43 H44 SIG 100 G43 G44	H45 H46 POWER G45 G46	H47 H48 POWER G47 G48
F1 F2 SIG 100 E1 E2	F3 F4 SIG 100 E3 E4	F5 F6 SIG 100 E5 E6	F7 F8 SIG 100 E7 E8	F9 F10 SIG 100 E9 E10	F11 F12 SIG 100 E11 E12	F13 F14 SIG 100 E13 E14	F15 F16 SIG 100 E15 E16	F17 F18 SIG 100 E17 E18	F19 F20 SIG 100 E19 E20	F21 F22 SIG 100 E21 E22	F23 F24 SIG 100 E23 E24	F25 F26 SIG 100 E25 E26	F27 F28 SIG 100 E27 E28	F29 F30 SIG 100 E29 E30	F31 F32 SIG 100 E31 E32	F33 F34 SIG 100 E33 E34	F35 F36 SIG 100 E35 E36	F37 F38 SIG 100 E37 E38	F39 F40 SIG 100 E39 E40	F41 F42 SIG 100 E41 E42	F43 F44 SIG 100 E43 E44	F45 F46 POWER E45 E46	F47 F48 POWER E47 E48
D1 D2 SIG 100 C1 C2	D3 D4 SIG 100 C3 C4	D5 D6 SIG 100 C5 C6	D7 D8 SIG 100 C7 C8	D9 D10 SIG 100 C9 C10	D11 D12 SIG 100 C11 C12	D13 D14 SIG 100 C13 C14	D15 D16 SIG 100 C15 C16	D17 D18 SIG 100 C17 C18	D19 D20 SIG 100 C19 C20	D21 D22 SIG 100 C21 C22	D23 D24 SIG 100 C23 C24	D25 D26 SIG 100 C25 C26	D27 D28 SIG 100 C27 C28	D29 D30 SIG 100 C29 C30	D31 D32 SIG 100 C31 C32	D33 D34 SIG 100 C33 C34	D35 D36 SIG 100 C35 C36	D37 D38 SIG 100 C37 C38	D39 D40 SIG 100 C39 C40	D41 D42 SIG 100 C41 C42	D43 D44 SIG 100 C43 C44	D45 D46 POWER C45 C46	D47 D48 POWER C47 C48
B1 B2 SIG 100 A1 A2	B3 B4 SIG 100 A3 A4	B5 B6 SIG 100 A5 A6	B7 B8 SIG 100 A7 A8	B9 B10 SIG 100 A9 A10	B11 B12 SIG 100 A11 A12	B13 B14 SIG 100 A13 A14	B15 B16 SIG 100 A15 A16	B17 B18 SIG 100 A17 A18	B19 B20 SIG 100 A19 A20	B21 B22 SIG 100 A21 A22	B23 B24 SIG 100 A23 A24	B25 B26 SIG 100 A25 A26	B27 B28 SIG 100 A27 A28	B29 B30 SIG 100 A29 A30	B31 B32 SIG 100 A31 A32	B33 B34 SIG 100 A33 A34	B35 B36 SIG 100 A35 A36	B37 B38 SIG 100 A37 A38	B39 B40 SIG 100 A39 A40	B41 B42 SIG 100 A41 A42	B43 B44 SIG 100 A43 A44	B45 B46 POWER A45 A46	B47 B48 POWER A47 A48

BROKEN LINE INDICATES THAT THESE SOLDER POINTS (FOR THE TRIAD SHIELD) ARE ELECTRICALLY COMMON WITHIN CONNECTOR

LEGEND FOR PIN-OUT CHART
1708072007 PLUG

SYMBOL	DESCRIPTION	TRIAD COUNT
SIG 100	18mm 100 OHM SIGNAL TRIAD	132 PLACES
POWER	18mm POWER TRIAD	12 PLACES

TRIAD DISTRIBUTION

SES SHEET 1 EC NO: UCP2016-1035 DRAWING NO: 2015/09/10 DESIGNED BY: JESSIE CHUA APPROVED BY: SHONG DATE: 2015/09/20	QUALITY SYMBOLS 4 PLACES ± 0 3 PLACES ± 0 2 PLACES ± 0.15 1 PLACE ± 0 0 PLACE ± 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH ± 0.15 ± 0.006 ± 0.25 ± 0.010 ± 0.50 ± 0.020 ± 1.00 ± 0.040 ± 1.50 ± 0.060 ± 2.00 ± 0.080	DIMENSION STYLE MM ONLY DRAWN BY: JESSIE CHUA DATE: 2014/07/23 CHECKED BY: KPELOZA DATE: 2014/07/24 APPROVED BY: SHONG DATE: 2014/09/04	SCALE: 10:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: PLUG WITH POWER 6X24, 18MM, 100 OHMS NEOSCALE 	MATERIAL NO: 1708072007 DOCUMENT NO: SD-170807-2007 SHEET NO: 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					
	REV:					