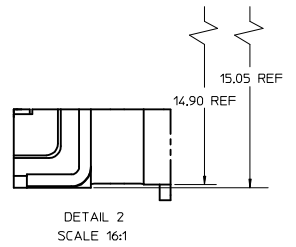
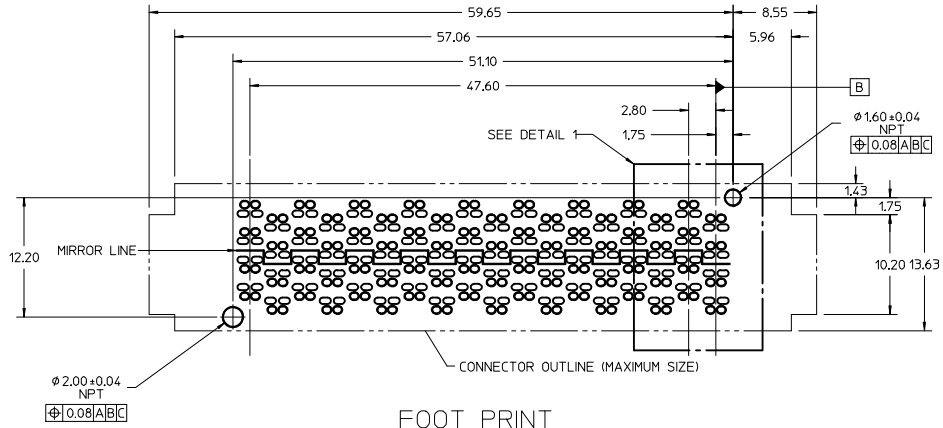
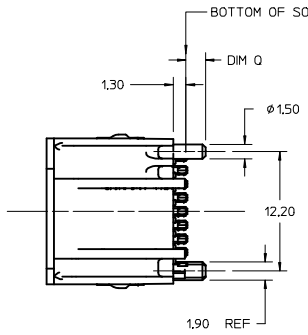
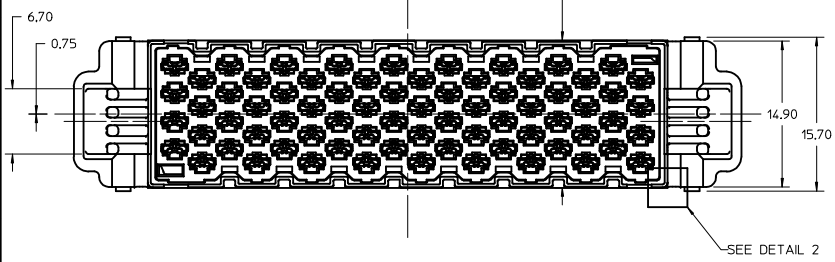
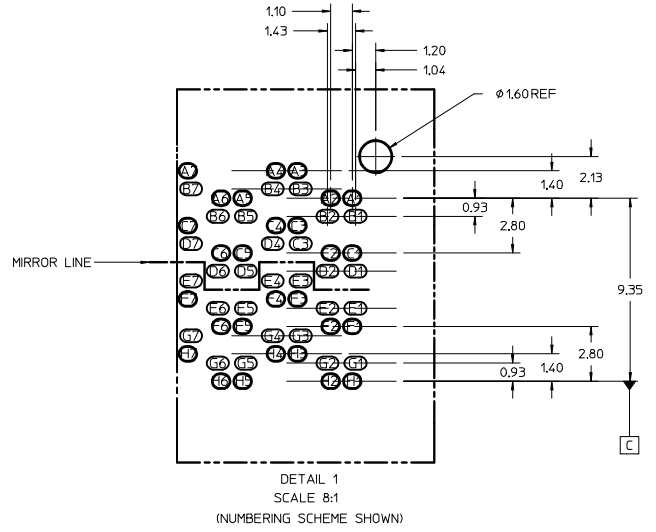
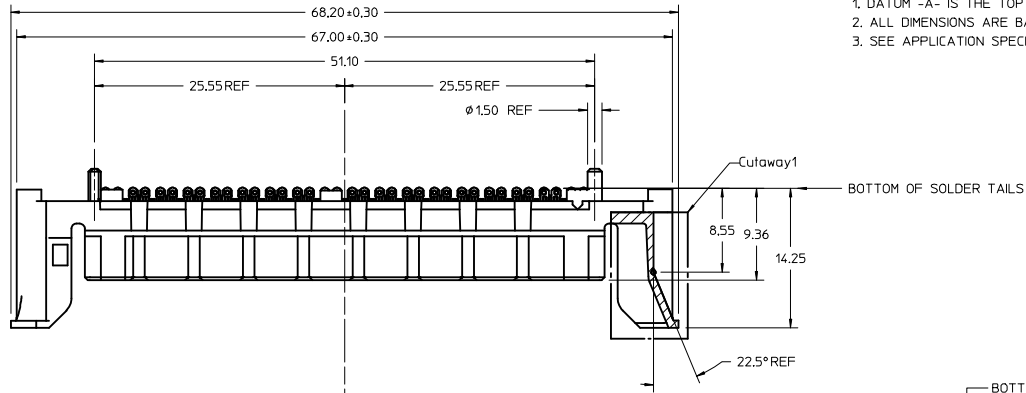


- NOTES:
- HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK  
CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY  
SOLDER CHARGE: LEAD FREE SOLDER ALLOY
  - FINISH:  
CONTACTS: SELECT GOLD: 30 4NCES MIN ON CONTACT AREA,  
AND 100 4NCES TIN MIN ON SOLDERABLE PORTION  
OF SOLDER TAILS, OVER 50 4NCES MIN NICKEL OVERALL.
  - PRODUCT SPECIFICATION: PS-170807-0001
  - PACKAGING SPECIFICATION: PK-170807-002
  - APPLICATION SPECIFICATION: AS-170807-0001



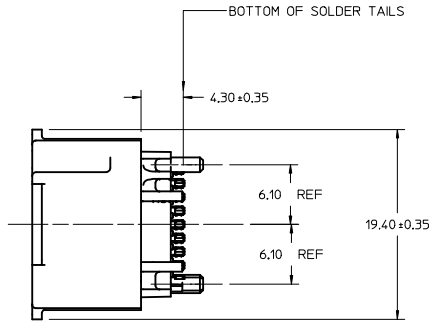
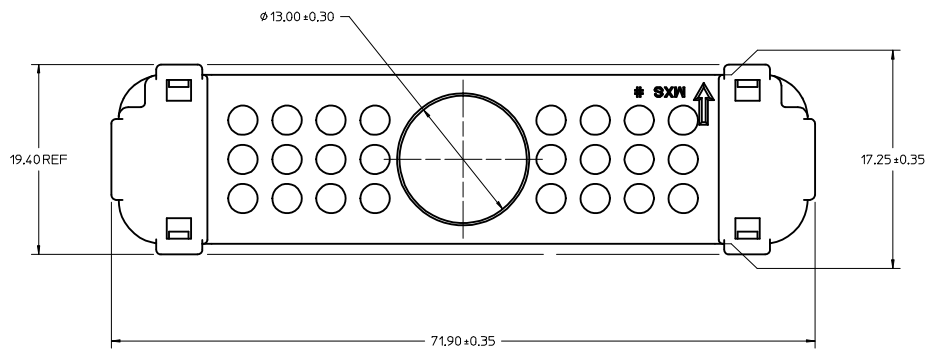
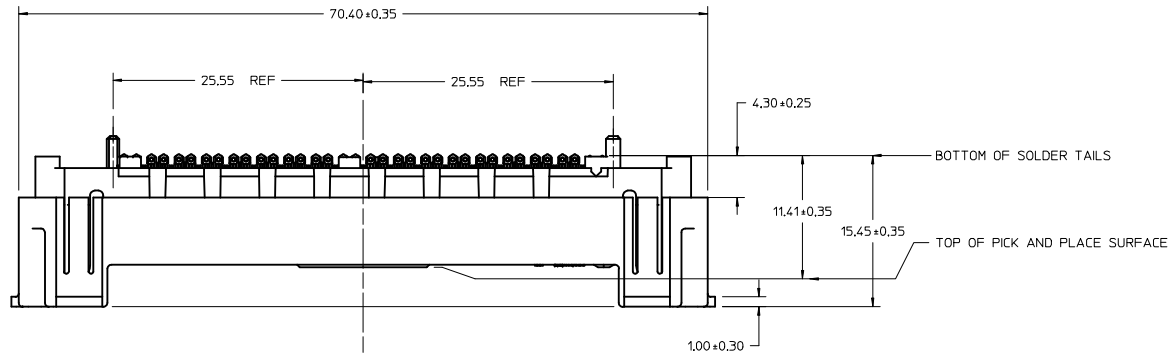
FOOT PRINT

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



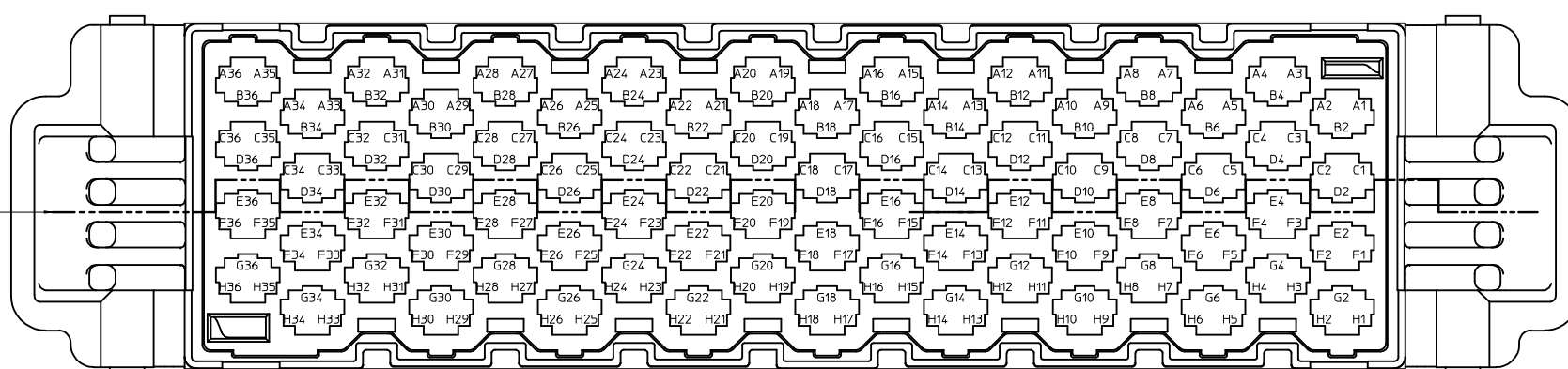
REFER TO ECN EC NO. UCP2016-3080 DRAWN BY JESSIECHUA 2016/02/04 CHKD BY CHYKHCHG04 2016/02/04 APPR: DMCGOWAN 2016/03/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	KPELOZA 2014/02/28	PLUG 4X18		
	2 PLACES ± 0.15 ± ---	CHECKED BY DATE	NEOSCALE, BLIND MATE			
	1 PLACE ± --- ± ---	JESSIECHUA 2014/04/11	molex			
	0 PLACE ± --- ± ---	APPROVED BY DATE	SD-170807-0036			
	ANGULAR ±1/2°	SHONG 2014/06/02	SHEET NO. 1 OF 3			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-170807-0036			
		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MATERIAL NUMBER	HEIGHT	TRIAD TYPE AND COUNT			DIM Q	MATE WITH	REMARKS
		85 OHMS	100 OHMS	POWER			
1708070036	7.00MM	40 PLACES	28 PLACES	4 PLACES	2	1708140036 (8MM)	REFER TO PAGE 3 FOR PIN OUT CHART
1708070048	7.00MM	40 PLACES	28 PLACES	4 PLACES	1,27		
1708070039	7.00MM	72 PLACES	N/A	N/A	2	1708140039 (8MM)	N/A
1708072025	7.00MM	N/A	72 PLACES	N/A	2	1708142024 (8MM)	N/A



COVER/PICK AND PLACE

<b>SEE SHEET 1</b> IEC NO: UCP2016-3080 DRAWN BY: JESSIECHUA 2016/02/04 CHECKED BY: CHYKHCGOH 2016/02/04 APPR: DMCGOWAN 2016/03/22 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm INCH	MM ONLY	6:1	METRIC	☉	
	▽=0	4 PLACES ±--- ±---	DRAWN BY: KPALOZA 2014/02/28	DATE	TITLE		
	▽=0	3 PLACES ±--- ±---	CHECKED BY: JESSIECHUA 2014/04/11	DATE	PLUG 4X18 NEOSCALE, BLIND MATE		
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
			SEE CHART	SD-170807-0036	2 OF 3		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



TOP VIEW OF 1708070036 -- A 4 ROW X 18 COLUMN PLUG CONTACT IDENTIFICATION AND LOCATION (B, D, E AND G ARE SHIELD CONTACTS) (TRIADS ARE NOT SHOWN)

PIN-OUT CHART FOR 1708070036 / 0048 PLUG (4 ROWS X 18 COLUMNS)

(A36 A35) POWER (B36 B35)	A34 A33 SIG 100 (B34 B33)	A32 A31 SIG 100 (B32 B31)	A30 A29 SIG 100 (B30 B29)	A28 A27 SIG 100 (B28 B27)	A26 A25 SIG 100 (B26 B25)	A24 A23 SIG 100 (B24 B23)	A22 A21 SIG 100 (B22 B21)	A20 A19 SIG 85 (B20 B19)	A18 A17 SIG 85 (B18 B17)	A16 A15 SIG 85 (B16 B15)	A14 A13 SIG 85 (B14 B13)	A12 A11 SIG 85 (B12 B11)	A10 A9 SIG 85 (B10 B9)	A8 A7 SIG 85 (B8 B7)	A6 A5 SIG 85 (B6 B5)	A4 A3 SIG 85 (B4 B3)	A2 A1 SIG 85 (B2 B1)
(C36 C35) POWER (D36 D35)	C34 C33 SIG 100 (D34 D33)	C32 C31 SIG 100 (D32 D31)	C30 C29 SIG 100 (D30 D29)	C28 C27 SIG 100 (D28 D27)	C26 C25 SIG 100 (D26 D25)	C24 C23 SIG 100 (D24 D23)	C22 C21 SIG 100 (D22 D21)	C20 C19 SIG 85 (D20 D19)	C18 C17 SIG 85 (D18 D17)	C16 C15 SIG 85 (D16 D15)	C14 C13 SIG 85 (D14 D13)	C12 C11 SIG 85 (D12 D11)	C10 C9 SIG 85 (D10 D9)	C8 C7 SIG 85 (D8 D7)	C6 C5 SIG 85 (D6 D5)	C4 C3 SIG 85 (D4 D3)	C2 C1 SIG 85 (D2 D1)
(E36 D35) POWER (F36 F35)	E34 E33 SIG 100 F34 F33	E32 E31 SIG 100 F32 F31	E30 E29 SIG 100 F30 F29	E28 E27 SIG 100 F28 F27	E26 E25 SIG 100 F26 F25	E24 E23 SIG 100 F24 F23	E22 E21 SIG 100 F22 F21	E20 E19 SIG 85 F20 F19	E18 E17 SIG 85 F18 F17	E16 E15 SIG 85 F16 F15	E14 E13 SIG 85 F14 F13	E12 E11 SIG 85 F12 F11	E10 E9 SIG 85 F10 F9	E8 E7 SIG 85 F8 F7	E6 E5 SIG 85 F6 F5	E4 E3 SIG 85 F4 F3	E2 E1 SIG 85 F2 F1
(G36 G35) POWER (H36 H35)	G34 G33 SIG 100 H34 H33	G32 G31 SIG 100 H32 H31	G30 G29 SIG 100 H30 H29	G28 G27 SIG 100 H28 H27	G26 G25 SIG 100 H26 H25	G24 G23 SIG 100 H24 H23	G22 G21 SIG 100 H22 H21	G20 G19 SIG 85 H20 H19	G18 G17 SIG 85 H18 H17	G16 G15 SIG 85 H16 H15	G14 G13 SIG 85 H14 H13	G12 G11 SIG 85 H12 H11	G10 G9 SIG 85 H10 H9	G8 G7 SIG 85 H8 H7	G6 G5 SIG 85 H6 H5	G4 G3 SIG 85 H4 H3	G2 G1 SIG 85 H2 H1

'MIRROR LINE'

BROKEN LINE INDICATES THAT THESE SOLDER POINTS ARE ELECTRICALLY COMMON WITHIN CONNECTOR

LEGEND FOR PIN-OUT CHART	
1708070036, 1708070048 PLUG	
SYMBOL	DESCRIPTION
SIG 85	7mm 85 OHM SIGNAL TRIAD
SIG 100	7mm 100 OHM SIGNAL TRIAD
POWER	7mm POWER TRIAD

SEE SHEET 1 EC NO. UCP2016-3080 DRAWN BY JESSIECHUA 2016/02/04 CHECKED BY CHYKHCHONG 2016/02/04 APPR: DMCGOWAN 2016/03/12 SIZE A1 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.15 ±--- 1 PLACE ±--- ±--- 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 KPPELOZA 2014/02/28 CHECKED BY DATE JESSIECHUA 2014/04/11 APPROVED BY DATE SHONG 2014/06/02	MATERIAL NO. SEE CHART DOCUMENT NO. SD-170807-0036	TITLE PLUG 4X18 NEOSCALE, BLIND MATE <b>molex</b>	SHEET NO. 3 OF 3
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						