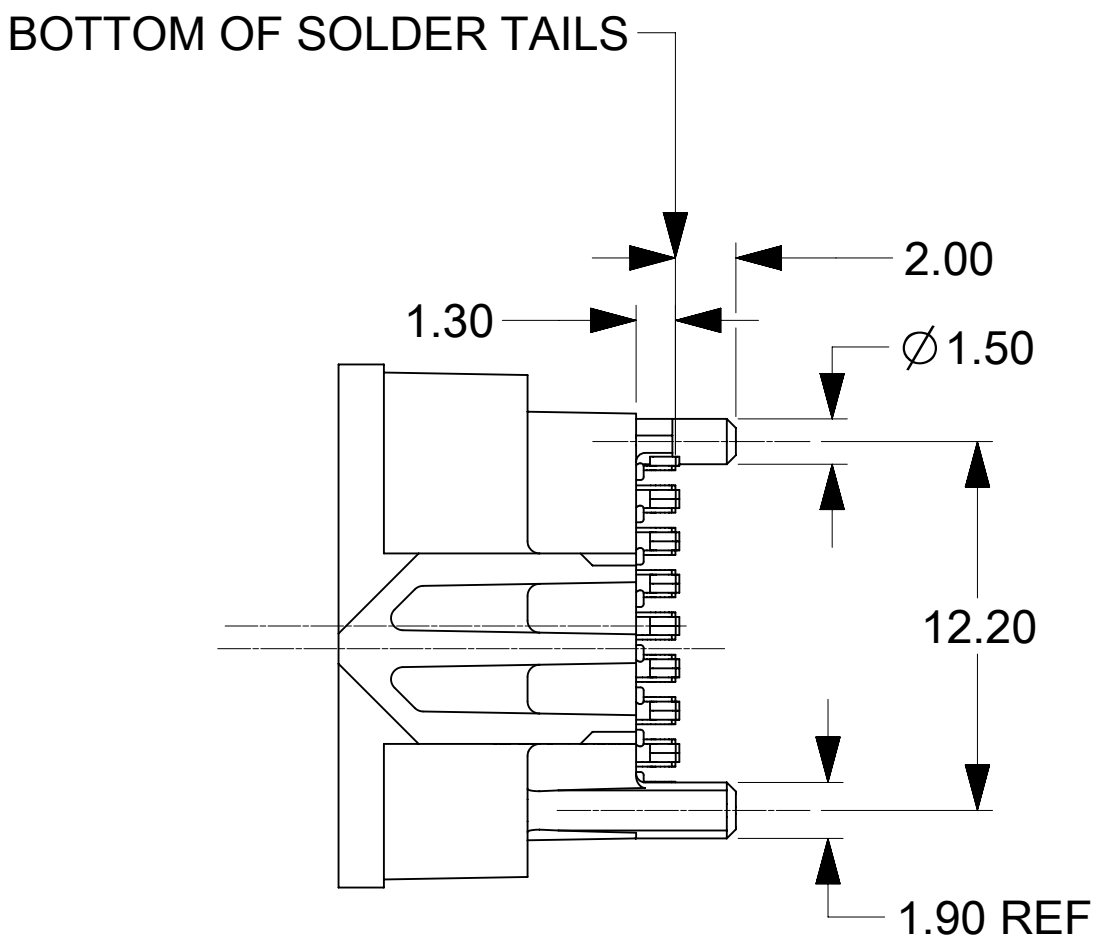
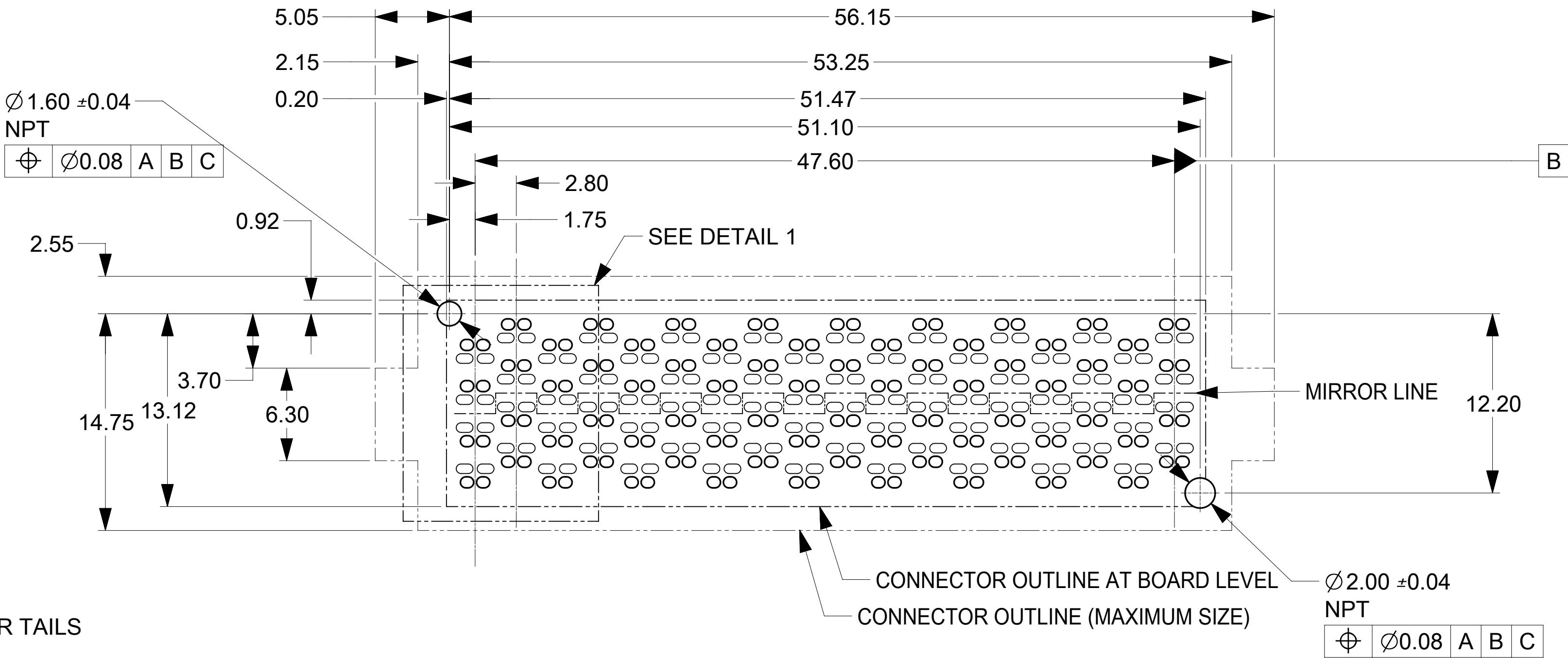
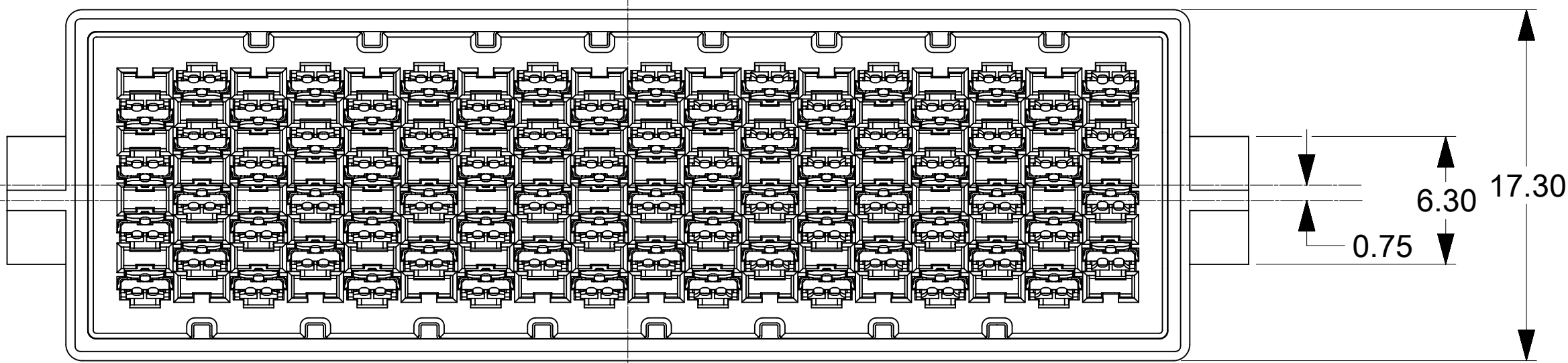
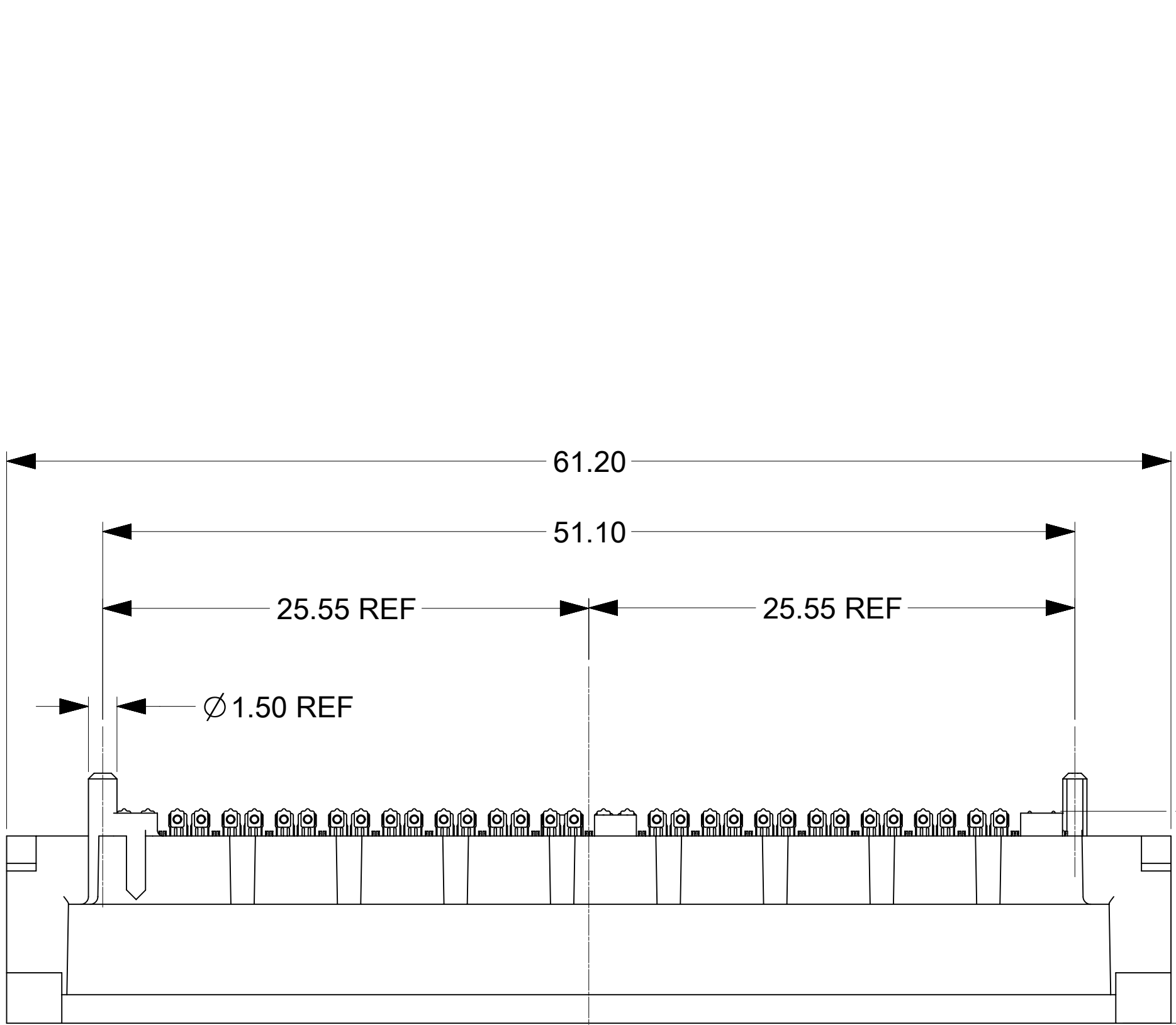
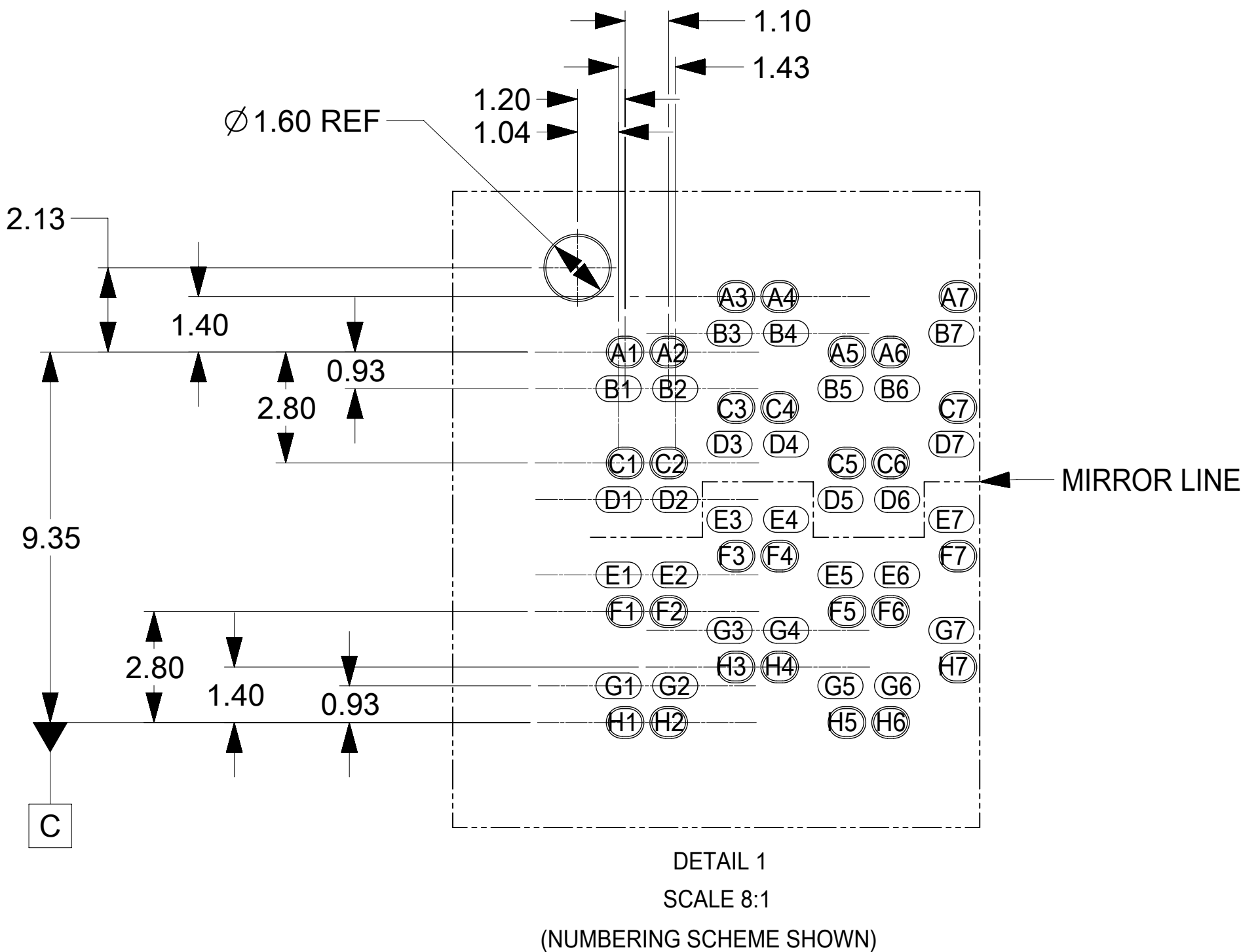




FOOT PRINT

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

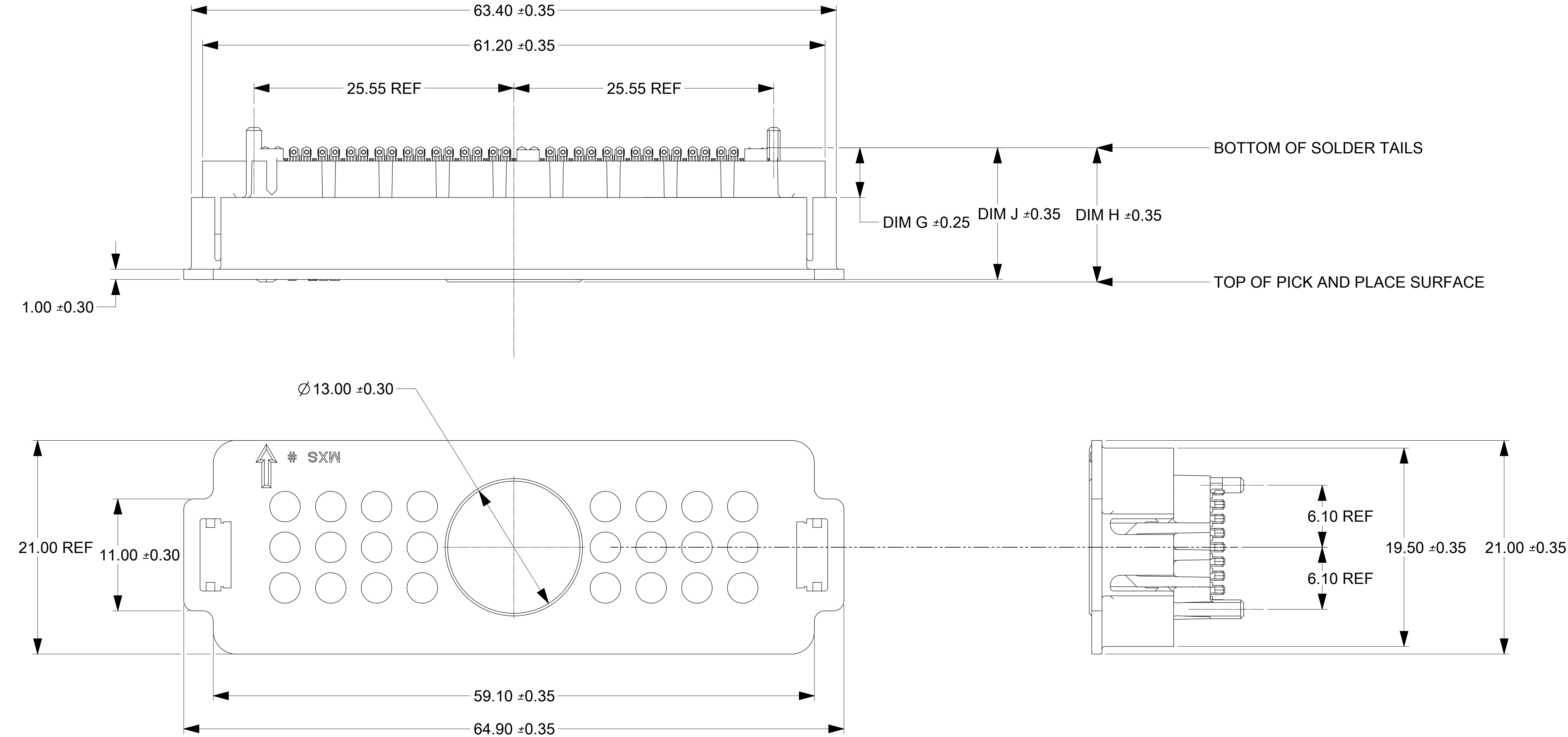


NOTES:

- 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 µINCHES MIN ON CONTACT AREA,
AND 100 µINCHES MIN TIN ON SOLDERABLE PORTION
OF SOLDER TAILS; OVER 50 µINCHES MIN NICKEL OVERALL.
- PRODUCT SPECIFICATION: PS-170807-0001
- PACKAGING SPECIFICATION: PK-170814-0002
- APPLICATION SPECIFICATION: AS-170807-0001

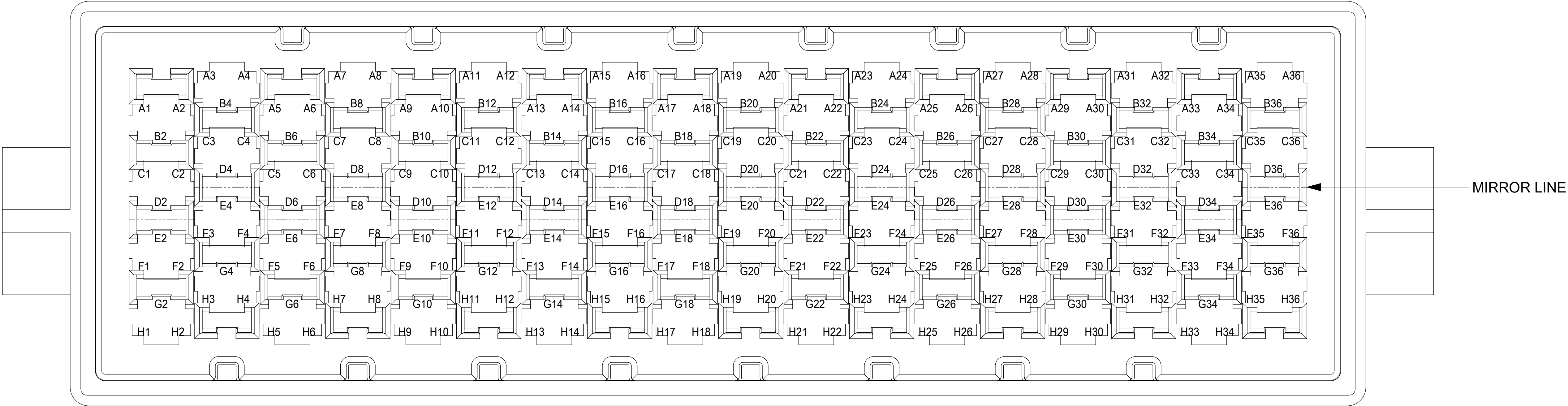
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC:						
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 613071 DRWN: HCGOH 2019/03/01 CHK'D: HCGOH 2019/03/04 APPR: SHONG 2019/03/08 INITIAL REVISION: DRWN: KPELOZA 2014/03/03 APPR: SHONG 2014/06/02						
ANGULAR TOL ± 0.5°										
4 PLACES		±								
3 PLACES		±								
2 PLACES		± 0.15								
1 PLACE		±								
0 PLACES		±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		
						D-SIZE		170814		
						RECEPTACLE 4X18 NEOSCALE, BLIND MATE				
PRODUCT CUSTOMER DRAWING						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
						SD-170814-0036		PSD	001	A2
MATERIAL NUMBER						CUSTOMER		SHEET NUMBER		
SEE TABLE						GENERAL MARKET		1 OF 4		

MATERIAL NUMBER	HEIGHT	TRIAD TYPE AND COUNT			DIM F	DIM G	DIM H	DIM J	MATE WITH	REMARKS
		85 OHMS	100 OHMS	POWER						
1708140036	8.00MM	40 PLACES	28 PLACES	4 PLACES	11.14	4.89	13.19	12.94	1708070036 (7MM)	REFER TO PAGE 3 FOR PIN OUT CHART
1708140039	8.00MM	72 PLACES	N/A	N/A	11.14	4.89	13.19	12.94	1708070039 (7MM)	N/A
1708142024	8.00MM	N/A	72 PLACES	N/A	11.14	4.89	13.19	12.94	1708072025 (7MM)	N/A
1708143005	10.00MM	68 PLACES	N/A	4 PLACES	13.14	6.89	15.19	14.94	1708073005 (7MM)	REFER TO PAGE 4 FOR PIN OUT CHART
1708143006	8.00MM	68 PLACES	N/A	4 PLACES	11.14	4.89	13.19	12.94		



COVER PICK AND PLACE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC:				molex									
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL		± 0.5°		EC NO: 613071 DRWN: HCGOH 2019/03/01 CHK'D: HCGOH 2019/03/04 APPR: SHONG 2019/03/08				RECEPTACLE 4X18 NEOSCALE, BLIND MATE									
4 PLACES		±															
3 PLACES		±															
2 PLACES		± 0.15															
1 PLACE		±		INITIAL REVISION: DRWN: KPELOZA 2014/03/03 APPR: SHONG 2014/06/02				PRODUCT CUSTOMER DRAWING									
0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING D-SIZE		SERIES 170814		DOCUMENT NUMBER SD-170814-0036		DOC TYPE PSD		DOC PART 001		REVISION A2	
										MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 4			



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

PIN-OUT CHART FOR 1708140036 RECEPTACLE (4 ROWS X 18 COLUMNS)

A1 A2 SIG 85 B1 B2	A3 A4 SIG 85 B3 B4	A5 A6 SIG 85 B5 B6	A7 A8 SIG 85 B7 B8	A9 A10 SIG 85 B9 B10	A11 A12 SIG 85 B11 B12	A13 A14 SIG 85 B13 B14	A15 A16 SIG 85 B15 B16	A17 A18 SIG 85 B17 B18	A19 A20 SIG 85 B19 B20	A21 A22 SIG 100 B21 B22	A23 A24 SIG 100 B23 B24	A25 A26 SIG 100 B25 B26	A27 A28 SIG 100 B27 B28	A29 A30 SIG 100 B29 B30	A31 A32 SIG 100 B31 B32	A33 A34 SIG 100 B33 B34	A35 A36 POWER B35 B36
C1 C2 SIG 85 D1 D2	C3 C4 SIG 85 D3 D4	C5 C6 SIG 85 D5 D6	C7 C8 SIG 85 D7 D8	C9 C10 SIG 85 D9 D10	C11 C12 SIG 85 D11 D12	C13 C14 SIG 85 D13 D14	C15 C16 SIG 85 D15 D16	C17 C18 SIG 85 D17 D18	C19 C20 SIG 85 D19 D20	C21 C22 SIG 100 D21 D22	C23 C24 SIG 100 D23 D24	C25 C26 SIG 100 D25 D26	C27 C28 SIG 100 D27 D28	C29 C30 SIG 100 D29 D30	C31 C32 SIG 100 D31 D32	C33 C34 SIG 100 D33 D34	C35 C36 POWER D35 D36
E1 E2 SIG 85 F1 F2	E3 E4 SIG 85 F3 F4	E5 E6 SIG 85 F5 F6	E7 E8 SIG 85 F7 F8	E9 E10 SIG 85 F9 F10	E11 E12 SIG 85 F11 F12	E13 E14 SIG 85 F13 F14	E15 E16 SIG 85 F15 F16	E17 E18 SIG 85 F17 F18	E19 E20 SIG 85 F19 F20	E21 E22 SIG 100 F21 F22	E23 E24 SIG 100 F23 F24	E25 E26 SIG 100 F25 F26	E27 E28 SIG 100 F27 F28	E29 E30 SIG 100 F29 F30	E31 E32 SIG 100 F31 F32	E33 E34 SIG 100 F33 F34	E35 E36 POWER F35 F36
G1 G2 SIG 85 H1 H2	G3 G4 SIG 85 H3 H4	G5 G6 SIG 85 H5 H6	G7 G8 SIG 85 H7 H8	G9 G10 SIG 85 H9 H10	G11 G12 SIG 85 H11 H12	G13 G14 SIG 85 H13 H14	G15 G16 SIG 85 H15 H16	G17 G18 SIG 85 H17 H18	G19 G20 SIG 85 H19 H20	G21 G22 SIG 100 H21 H22	G23 G24 SIG 100 H23 H24	G25 G26 SIG 100 H25 H26	G27 G28 SIG 100 H27 H28	G29 G30 SIG 100 H29 H30	G31 G32 SIG 100 H31 H32	G33 G34 SIG 100 H33 H34	G35 G36 POWER H35 H36

MIRROR LINE

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

LEGEND FOR PIN-OUT CHART	
1708140036 RECEPTACLE	
SYMBOL	DESCRIPTION
SIG 85	8mm 85 OHM SIGNAL TRIAD
SIG 100	8mm 100 OHM SIGNAL TRIAD
POWER	8mm POWER TRIAD

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.15

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 613071
DRWN: HCGOH
CHK'D: HCGOH
APPR: SHONG

2019/03/01
2019/03/04
2019/03/08

INITIAL REVISION:
DRWN: KPELOZA
APPR: SHONG

2014/03/03
2014/06/02

THIRD ANGLE PROJECTION

D-SIZE

SERIES

170814

RECEPTACLE
4X18 NEOSCALE, BLIND MATE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-170814-0036

DOC TYPE

PSD

DOC PART

001

REVISION

A2

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/03/08	06:28:37
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