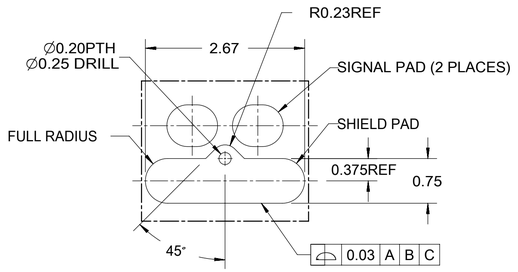
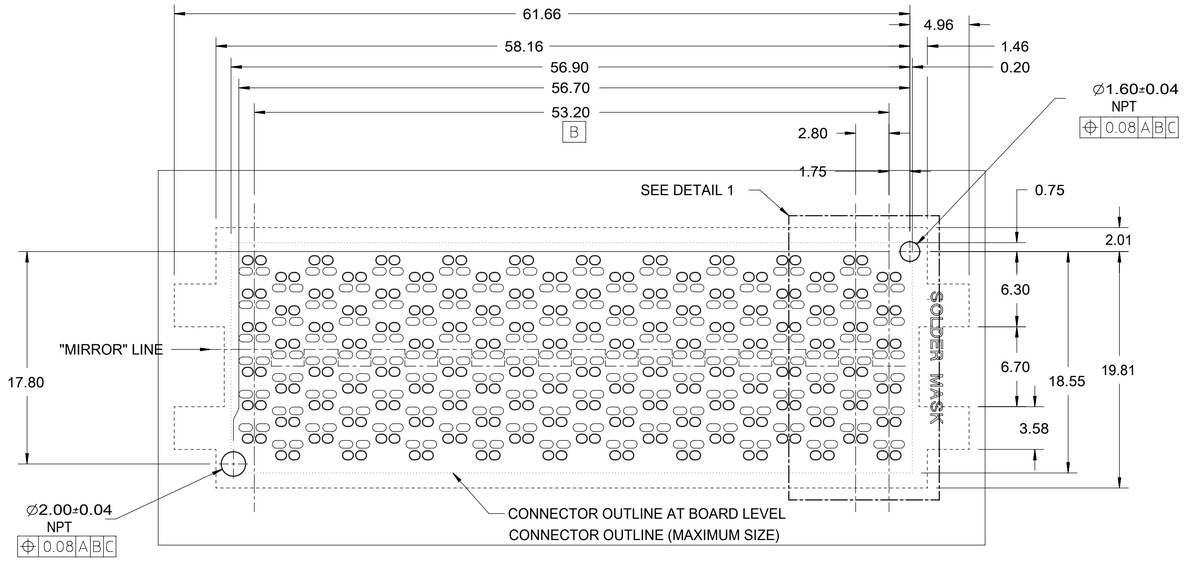
NOTES:

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



DETAIL 4
SCALE 20:1
(SOLDER MASK REMOVED TO REVEAL SHIELD TRACE)

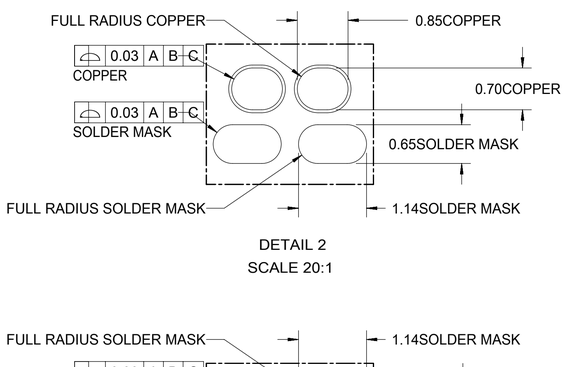


FOOT PRINT

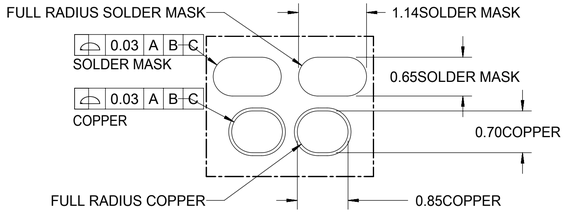
(SCALE 4:1)

FOOT PRINT NOTES:

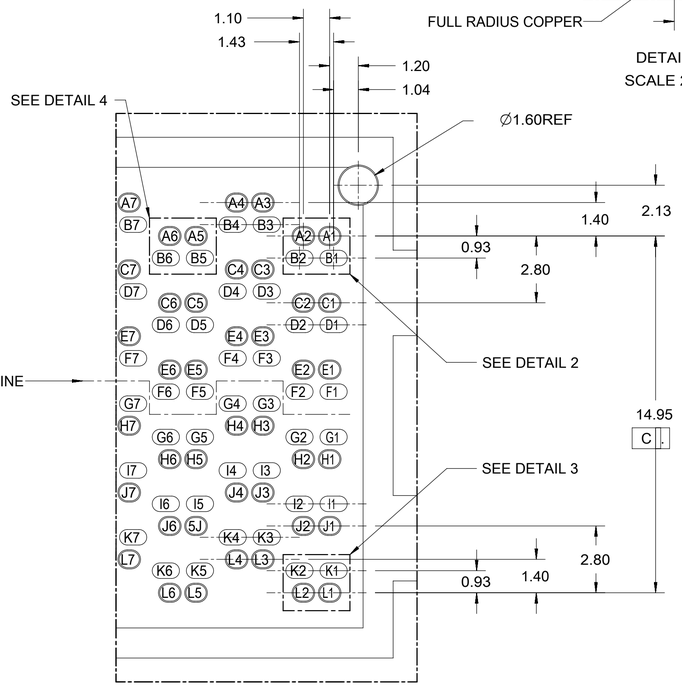
1. DATUM -A- IS THE TOP OF THE PCB.
2. ALL DIMENSIONS ARE BASICS.
3. SEE APPLICATION SPECIFICATION FOR ADDITIONAL INFORMATION.



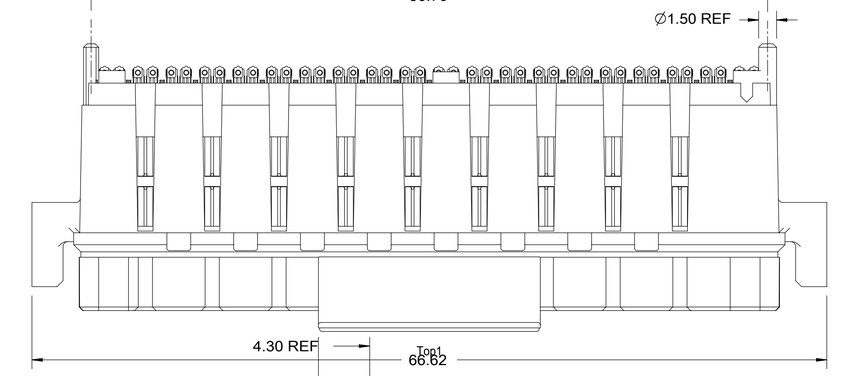
DETAIL 2
SCALE 20:1

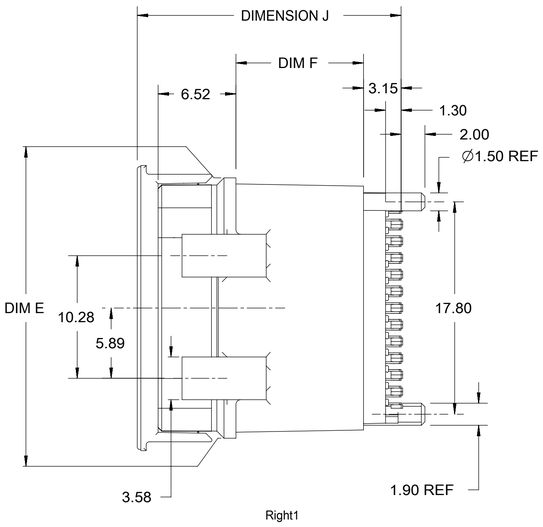


DETAIL 3
SCALE 20:1



DETAIL 1
SCALE 8:1
(NUMBERING SCHEME SHOWN)





PART ILLSTRUATED IS 170807-0033

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/26 10:04:53

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	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: 634730
DRWN: JESSIECHUA 2020/03/18
CHK'D: HCGOH 2020/03/26
APPR: SHONG 2020/03/26

INITIAL REVISION:
DRWN: KPELOZA 2010/11/15
APPR: JCOMERCI 2010/11/19

THIRD ANGLE PROJECTION

molex

PLUG, NEOSCALE, 6X20

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-170807-0004	PSD	001	A1

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
D-SIZE	170807	SEE TABLE	GENERAL MARKET	1 OF 3

MATERIAL NUMBER	HEIGHT	TRIAD TYPE AND COUNT			DIM E	DIM F	DIM J	MATE WITH	REMARKS
		85 OHMS	100 OHMS	POWER					
1708070033	18.00MM	120 PLACES	N/A	N/A	21.82	10.69	22.11	1708140033 (18MM)	N/A
1708072017	18.00MM	N/A	120 PLACES	N/A	21.82	10.69	22.11	1708142017 (18MM)	N/A
1708074002	18.00MM	N/A	114 PLACES	6 PLACES	21.82	10.69	22.11	1708144002 (8MM)	REFER TO PAGE 3 FOR PIN OUT CHART

A1

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THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 170807

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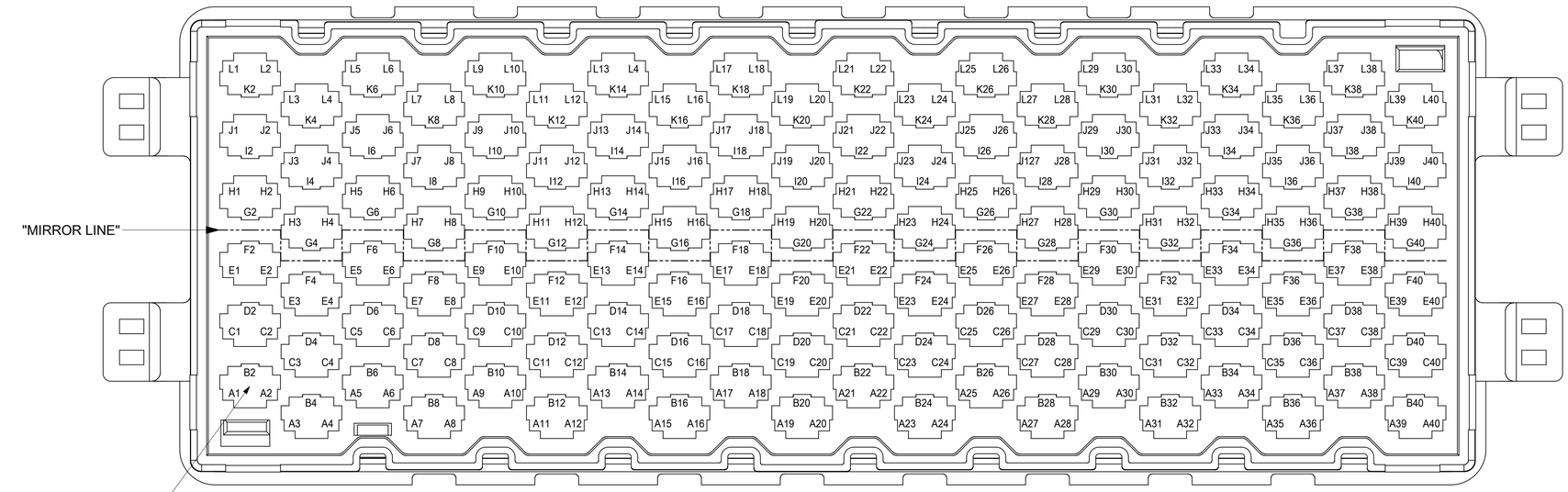
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-170807-0004	PSD	001	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/26 10:04:53

Template created by prod-d
on 2020/01/14
DATE: 2020/01/14



TOP VIEW OF A 6 ROW X 20 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)

(A1) PIN-OUT CHART FOR 1708074002 PLUG (6 ROWS X 20 COLUMNS)

L1 L2	L3 L4	L5 L6	L7 L8	L9 L10	L11 L12	L13 L14	L15 L16	L17 L18	L19 L20	L21 L22	L23 L24	L25 L26	L27 L28	L29 L30	L31 L32	L33 L34	L35 L36	L37 L38	L39 L40
SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100
K1 K2	K3 K4	K5 K6	K7 K8	K9 K10	K11 K12	K13 K14	K15 K16	K17 K18	K19 K20	K21 K22	K23 K24	K25 K26	K27 K28	K29 K30	K31 K32	K33 K34	K35 K36	K37 K38	K39 K40
J1 J2	J3 J4	J5 J6	J7 J8	J9 J10	J11 J12	J13 J14	J15 J16	J17 J18	J19 J20	J21 J22	J23 J24	J25 J26	J27 J28	J29 J30	J31 J32	J33 J34	J35 J36	J37 J38	J39 J40
SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100
I1 I2	I3 I4	I5 I6	I7 I8	I9 I10	I11 I12	I13 I14	I15 I16	I17 I18	I19 I20	I21 I22	I23 I24	I25 I26	I27 I28	I29 I30	I31 I32	I33 I34	I35 I36	I37 I38	I39 I40
H1 H2	H3 H4	H5 H6	H7 H8	H9 H10	H11 H12	H13 H14	H15 H16	H17 H18	H19 H20	H21 H22	H23 H24	H25 H26	H27 H28	H29 H30	H31 H32	H33 H34	H35 H36	H37 H38	H39 H40
SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100
G1 G2	G3 G4	G5 G6	G7 G8	G9 G10	G11 G12	G13 G14	G15 G16	G17 G18	G19 G20	G21 G22	G23 G24	G25 G26	G27 G28	G29 G30	G31 G32	G33 G34	G35 G36	G37 G38	G39 G40
F1 F2	F3 F4	F5 F6	F7 F8	F9 F10	F11 F12	F13 F14	F15 F16	F17 F18	F19 F20	F21 F22	F23 F24	F25 F26	F27 F28	F29 F30	F31 F32	F33 F34	F35 F36	F37 F38	F39 F40
SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	POWER	POWER
E1 E2	E3 E4	E5 E6	E7 E8	E9 E10	E11 E12	E13 E14	E15 E16	E17 E18	E19 E20	E21 E22	E23 E24	E25 E26	E27 E28	E29 E30	E31 E32	E33 E34	E35 E36	E37 E38	E39 E40
D1 D2	D3 D4	D5 D6	D7 D8	D9 D10	D11 D12	D13 D14	D15 D16	D17 D18	D19 D20	D21 D22	D23 D24	D25 D26	D27 D28	D29 D30	D31 D32	D33 D34	D35 D36	D37 D38	D39 D40
SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SG 100	POWER	POWER
C1 C2	C3 C4	C5 C6	C7 C8	C9 C10	C11 C12	C13 C14	C15 C16	C17 C18	C19 C20	C21 C22	C23 C24	C25 C26	C27 C28	C29 C30	C31 C32	C33 C34	C35 C36	C37 C38	C39 C40
B1 B2	B3 B4	B5 B6	B7 B8	B9 B10	B11 B12	B13 B14	B15 B16	B17 B18	B19 B20	B21 B22	B23 B24	B25 B26	B27 B28	B29 B30	B31 B32	B33 B34	B35 B36	B37 B38	B39 B40
SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	SIG 100	POWER	POWER
A1 A2	A3 A4	A5 A6	A7 A8	A9 A10	A11 A12	A13 A14	A15 A16	A17 A18	A19 A20	A21 A22	A23 A24	A25 A26	A27 A28	A29 A30	A31 A32	A33 A34	A35 A36	A37 A38	A39 A40

"MIRROR LINE"

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

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/26 10:04:53

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DIVISIONAL SYMBOLS

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DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-170807-0004	PSD	001	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	170807	SEE TABLE	GENERAL MARKET	3 OF 3

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REVISION: A
DATE: 2020/03/26