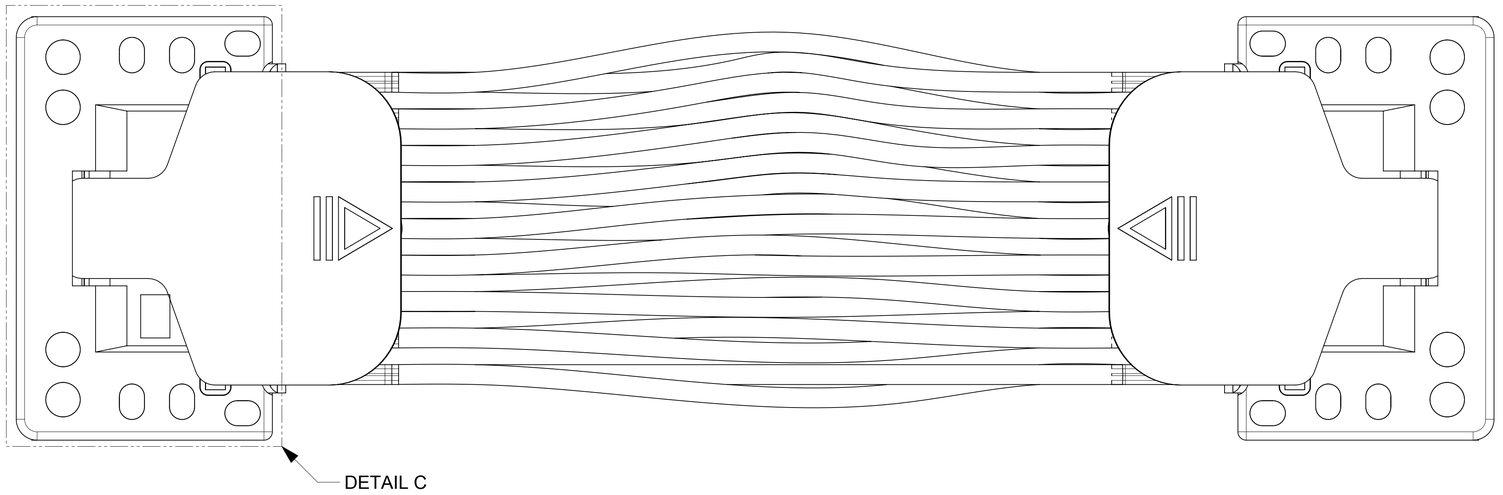
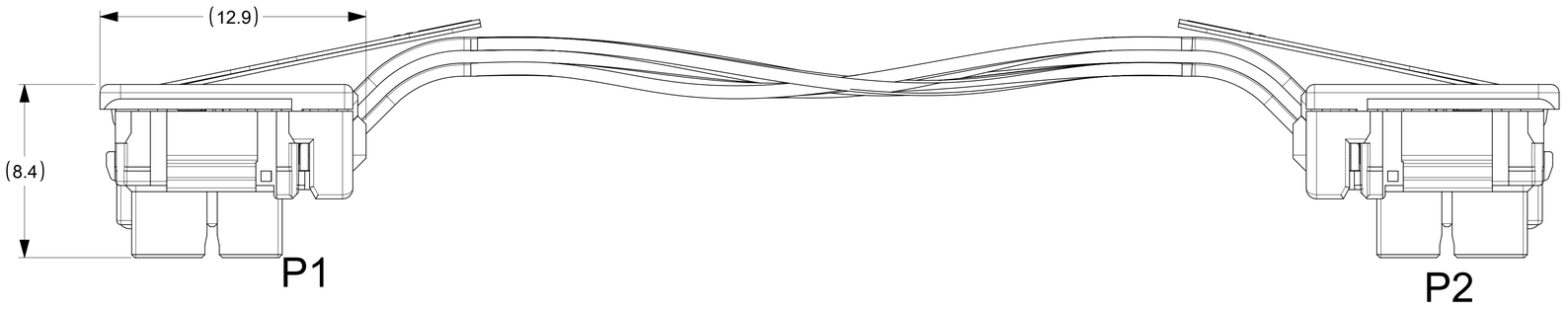
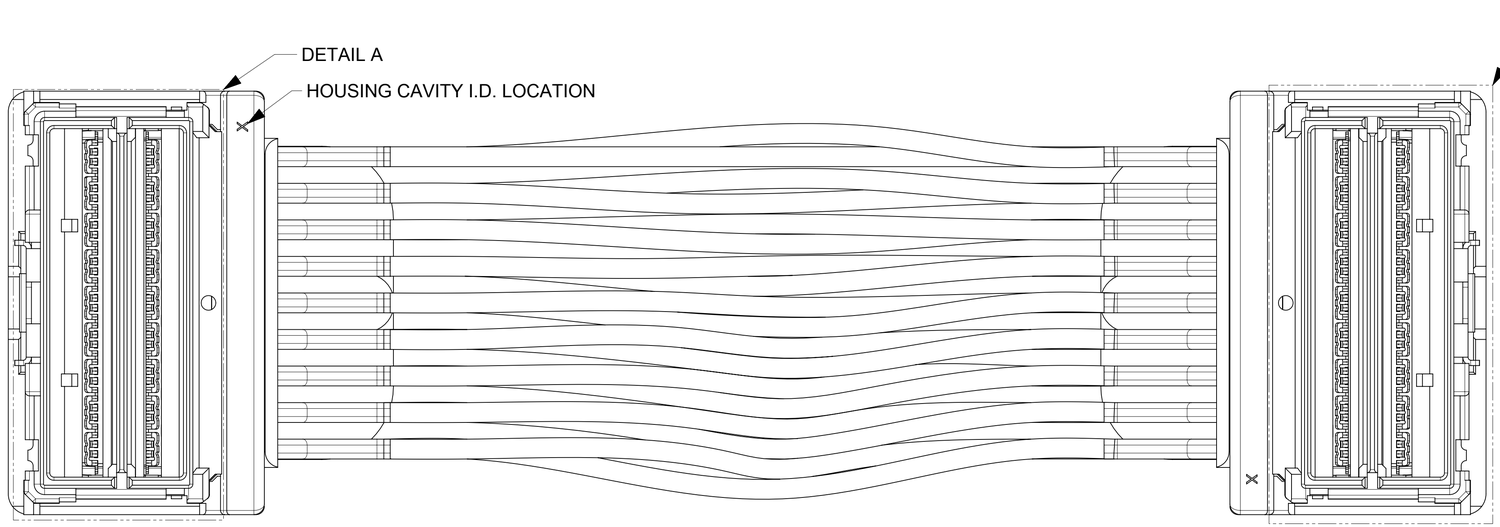
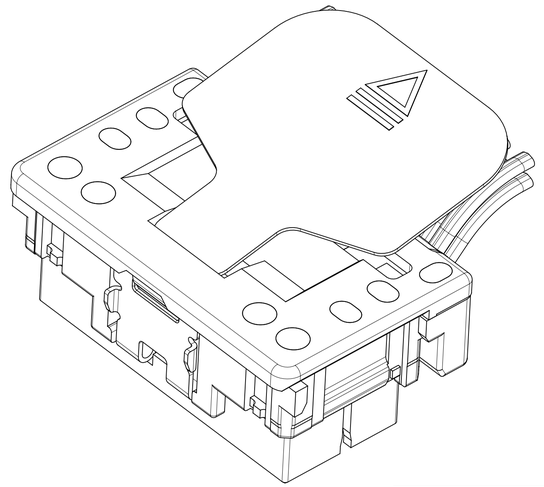



NOTES:
1. MATERIAL:
 HOUSING: LCP, GLASS FILLED, UL 94V-0, BLACK
 CONTACT: HIGH PERFORMANCE COPPER ALLOY
 PROTECTIVE COVER: PP, BLUE
2. FINISH: CONTACT 30 MICROINCHES MIN SELECTIVE GOLD ON CONTACT AREA, NICKEL OVERALL
3. PRODUCT SPECIFICATION: 2159800001-PS
4. PACKAGING SPECIFICATION: 2210280001
5. APPLICATION SPECIFICATION: 2159800001-AS
6. MATES TO 18DP PLUG PART NUMBER 2159801001.
7. SEE TABLE FOR CABLE LENGTH "L" AND CABLE ASSEMBLY PART NUMBER.
8. REFER TO APPLICATION SPECIFICATION FOR ROUTING GUIDELINES & MINIMUM BEND RADIUS.
9. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.



| MATERIAL # | DESCRIPTION | DIMENSION |
|---|---|---|
| | | L (MM) |
| 2210280110 | HD AE CABLE - 110MM | 110 |
| 2210280150 | HD AE CABLE - 150MM | 150 |
| 2210280200 | HD AE CABLE - 200MM | 200 |
| 2210280210 | HD AE CABLE - 210MM | 210 |
| 2210280250 | HD AE CABLE - 250MM | 250 |
| 2210280260 | HD AE CABLE - 260MM | 260 |
| 2210280280 | HD AE CABLE - 280MM | 280 |
| 2210280285 | HD AE CABLE - 285MM | 285 |
| 2210280300 | HD AE CABLE - 300MM | 300 |
| 2210280305 | HD AE CABLE - 305MM | 305 |
| 2210280310 | HD AE CABLE - 310MM | 310 |
| 2210280335 | HD AE CABLE - 335MM | 335 |
| 2210280350 | HD AE CABLE - 350MM | 350 |
| 2210280450 | HD AE CABLE - 450MM | 450 |
| 2210280500 | HD AE CABLE - 500MM | 500 |
| 2210280800 | HD AE CABLE - 800MM | 800 |
| 2210281000 | HD AE CABLE - 1000MM | 1000 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 7:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | 0.5 ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.05 |
| 1 PLACE | ± | 0.13 |
| 0 PLACES | ± | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 737208
DRWN: MMALLIGEVALU 2023/01/31
CHK'D: CYEUGENELIM 2023/02/03
APPR: SHLENI 2023/02/08

INITIAL REVISION:
DRWN: MMALLIGEVALU 2022/06/22
APPR: SHLENI 2022/11/30

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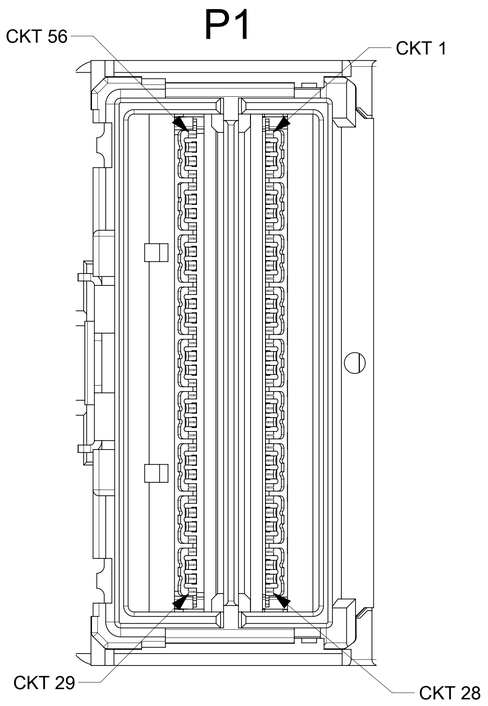
NEARSTACK HD AE RECEPTACLE SALES DRAWING

PRODUCT CUSTOMER DRAWING

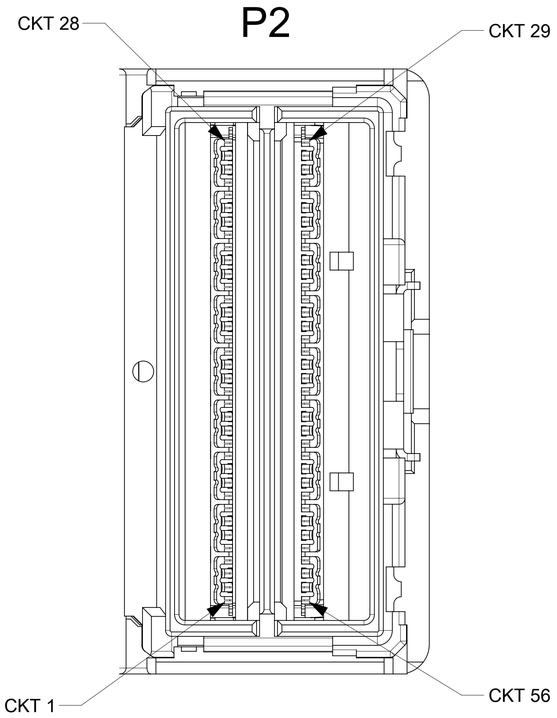
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2210280001 | PSD | 000 | A1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | D-SIZE | 221028 | SEE TABLE | GENERAL MARKET | 1 OF 4 |

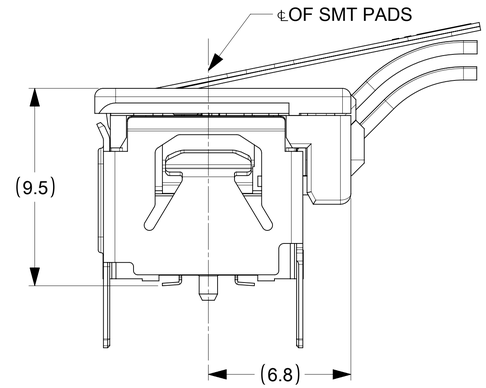
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/02/08 10:20:43 |
|---|---|---|---|



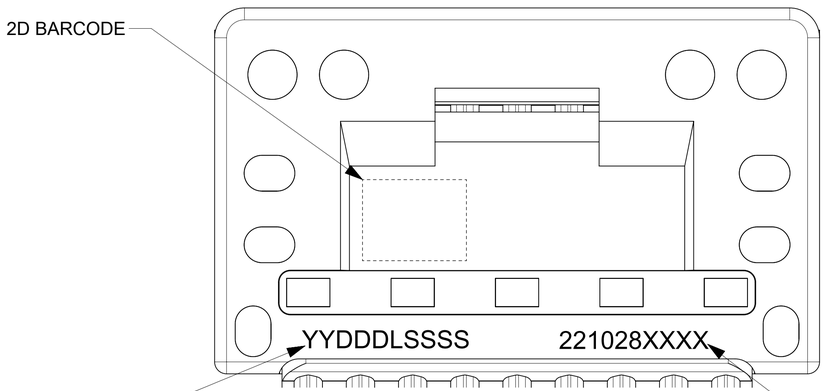

DETAIL A
SCALE 10:1



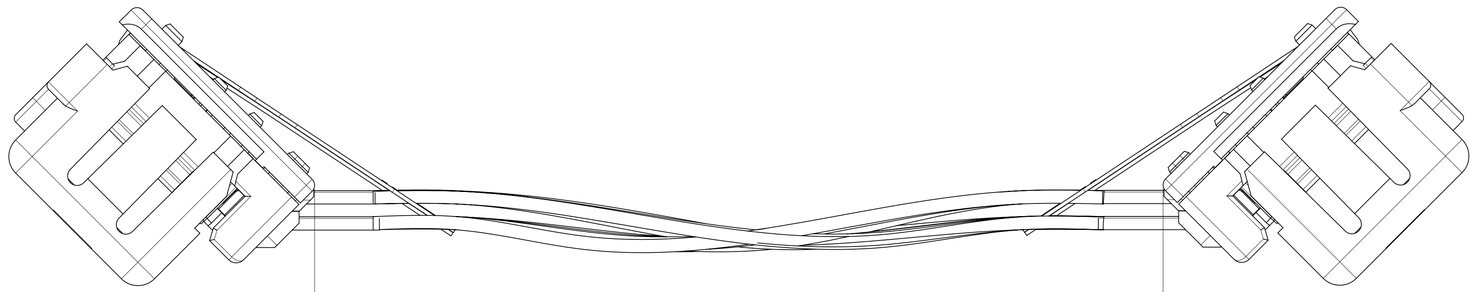

DETAIL B
SCALE 10:1




# SERIALIZATION DETAIL




DETAIL C
SCALE 10:1




LENGTH IS MEASURED BY REMOVING SLACK FROM THE CABLE
AND HOLDING THE CONNECTORS AT A 45° ANGLE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| | |
|---|---|
| DIMENSION UNITS | mm |
| SCALE | 7:1 |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| ANGULAR TOL | ± 0.5 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.05 |
| 1 PLACE | ± 0.13 |
| 0 PLACES | ± |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 737208

| | | |
|---|---|---|
| DRWN: | MMALLIGEVALU | 2023/01/31 |
| CHK'D: | CYEUGENELIM | 2023/02/03 |
| APPR: | SHLENI | 2023/02/08 |

INITIAL REVISION:

| | | |
|---|---|---|
| DRWN: | MMALLIGEVALU | 2022/06/22 |
| APPR: | SHLENI | 2022/11/30 |

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NEARSTACK HD AE RECEPTACLE SALES DRAWING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2210280001 | PSD | 000 | A1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | D-SIZE | 221028 | SEE TABLE | GENERAL MARKET | 2 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/02/08 10:20:43 |
|---|---|---|---|

| 18 DP STANDARD PINOUT | | | |
|---|---|---|---|
| P1 | | P2 | |
| CKT | | CKT | |
| 1 | GND | 29 | GND |
| 2 | S | 30 | S |
| 3 | S | 31 | S |
| 4 | GND | 32 | GND |
| 5 | S | 33 | S |
| 6 | S | 34 | S |
| 7 | GND | 35 | GND |
| 8 | S | 36 | S |
| 9 | S | 37 | S |
| 10 | GND | 38 | GND |
| 11 | S | 39 | S |
| 12 | S | 40 | S |
| 13 | GND | 41 | GND |
| 14 | S | 42 | S |
| 15 | S | 43 | S |
| 16 | GND | 44 | GND |
| 17 | S | 45 | S |
| 18 | S | 46 | S |
| 19 | GND | 47 | GND |
| 20 | S | 48 | S |
| 21 | S | 49 | S |
| 22 | GND | 50 | GND |
| 23 | S | 51 | S |
| 24 | S | 52 | S |
| 25 | GND | 53 | GND |
| 26 | S | 54 | S |
| 27 | S | 55 | S |
| 28 | GND | 56 | GND |
| 29 | GND | 1 | GND |
| 30 | S | 2 | S |
| 31 | S | 3 | S |
| 32 | GND | 4 | GND |
| 33 | S | 5 | S |
| 34 | S | 6 | S |
| 35 | GND | 7 | GND |
| 36 | S | 8 | S |
| 37 | S | 9 | S |
| 38 | GND | 10 | GND |
| 39 | S | 11 | S |
| 40 | S | 12 | S |
| 41 | GND | 13 | GND |
| 42 | S | 14 | S |
| 43 | S | 15 | S |
| 44 | GND | 16 | GND |
| 45 | S | 17 | S |
| 46 | S | 18 | S |
| 47 | GND | 19 | GND |
| 48 | S | 20 | S |
| 49 | S | 21 | S |
| 50 | GND | 22 | GND |
| 51 | S | 23 | S |
| 52 | S | 24 | S |
| 53 | GND | 25 | GND |
| 54 | S | 26 | S |
| 55 | S | 27 | S |
| 56 | GND | 28 | GND |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| | |
|---|---|
| DIMENSION UNITS | mm |
| SCALE | 1:1 |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| ANGULAR TOL | ± 0.5 ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.05 |
| 1 PLACE | ± 0.13 |
| 0 PLACES | ± |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 737208
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CHK'D: CYEUGENELIM 2023/02/03
APPR: SHLENI 2023/02/08

INITIAL REVISION:
DRWN: MMALLIGEVALU 2022/06/22
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NEARSTACK HD AE RECEPTACLE SALES DRAWING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2210280001 | PSD | 000 | A1 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | D-SIZE | 221028 | SEE TABLE | GENERAL MARKET | 3 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/02/08 10:20:43 |
|---|---|---|---|

# REVISION HISTORY

| DATE | REV | DESCRIPTION |
|---|---|---|
| 2021/05/30 | 1 | INITIAL RELEASE |
| 2022/10/12 | A | OFFICIAL INITIAL RELEASE<br>SHEET 1: ADD 285MM LENGTH, UPDATE PACKAGING SPECS |
| 2023/01/31 | A1 | SHEET 1: ADD 110MM, 150MM, 210MM, 335MM LENGTH |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | 0.5 ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.05 |
| 1 PLACE | ± | 0.13 |
| 0 PLACES | ± | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 737208

| | | |
|---|---|---|
| DRWN: | MMALLIGEVALU | 2023/01/31 |
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| DRWN: | MMALLIGEVALU | 2022/06/22 |
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THIRD ANGLE PROJECTION

DRAWING: D-SIZE

SERIES: 221028

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NEARSTACK HD AE RECEPTACLE SALES DRAWING

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2210280001 | PSD | 000 | A1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 4 OF 4 |

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