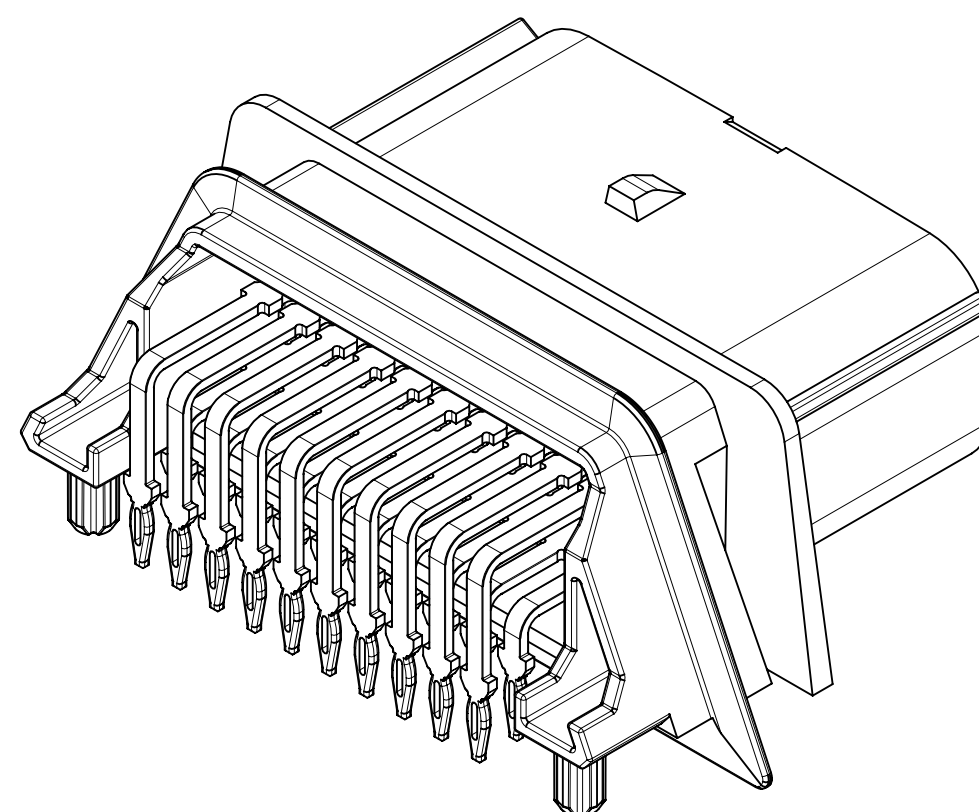
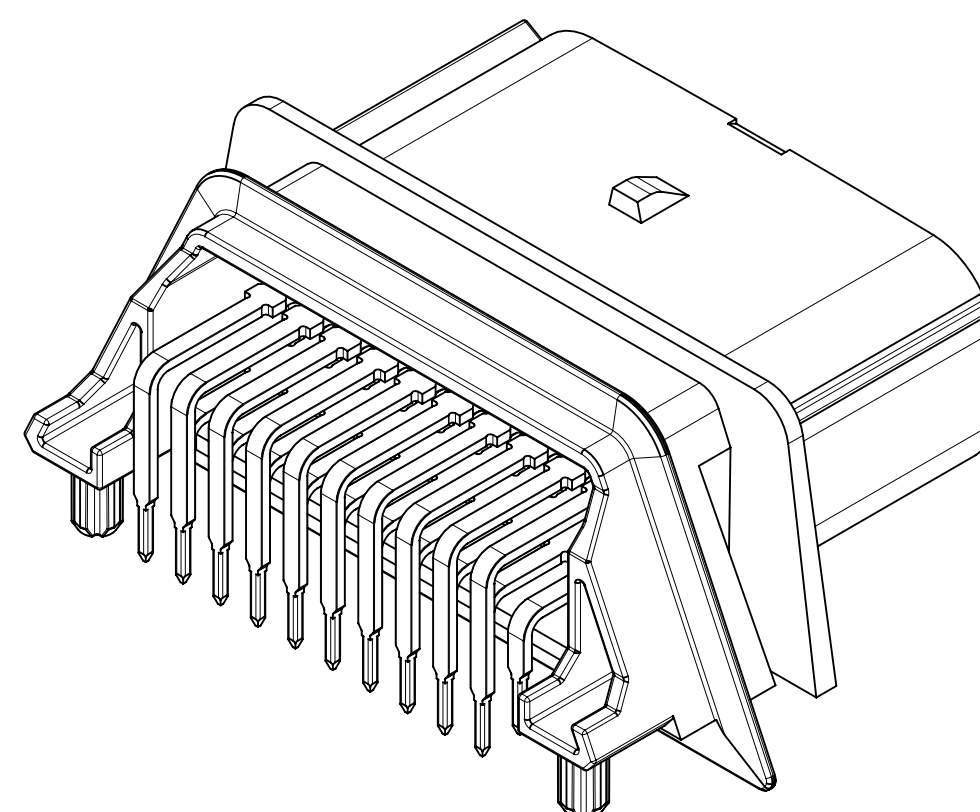


DETAIL A
SCALE 10:1



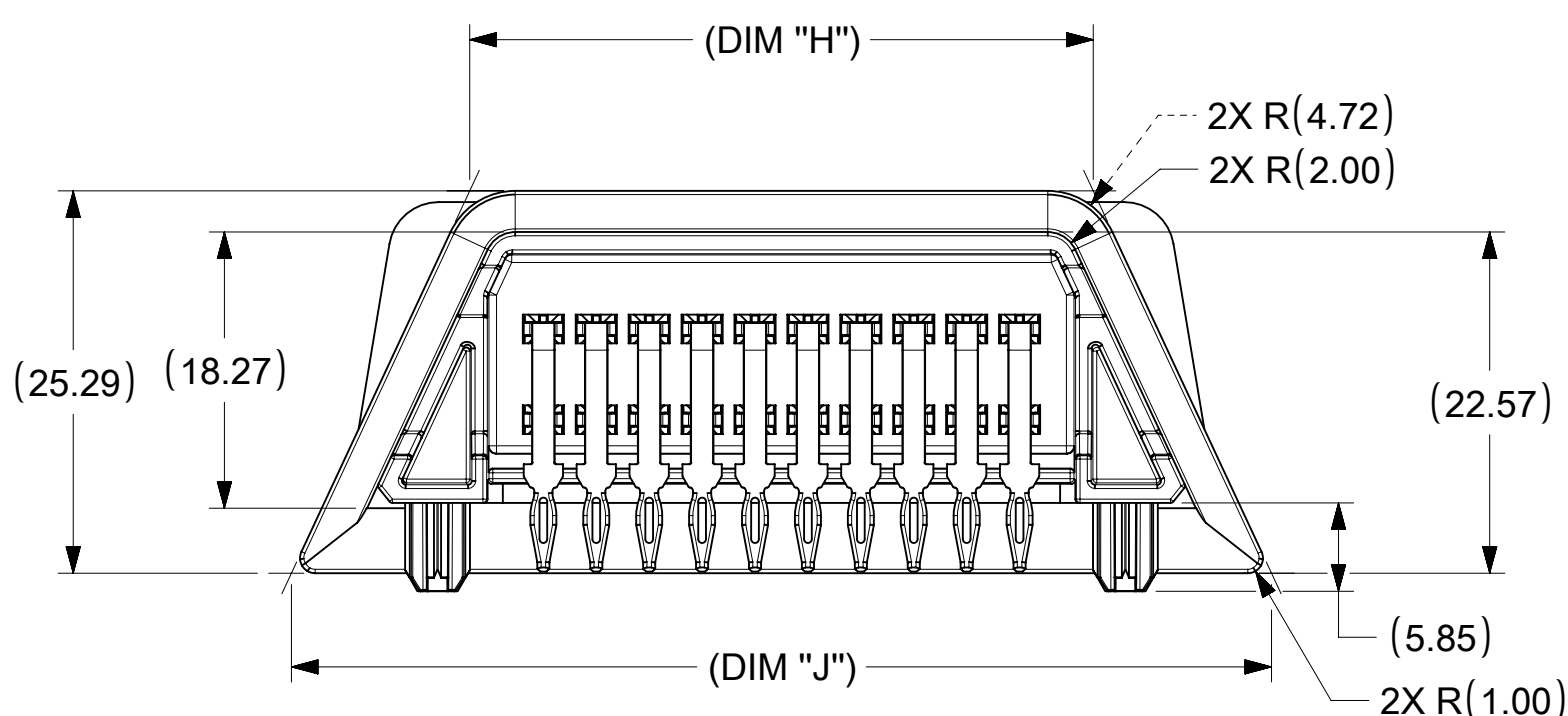
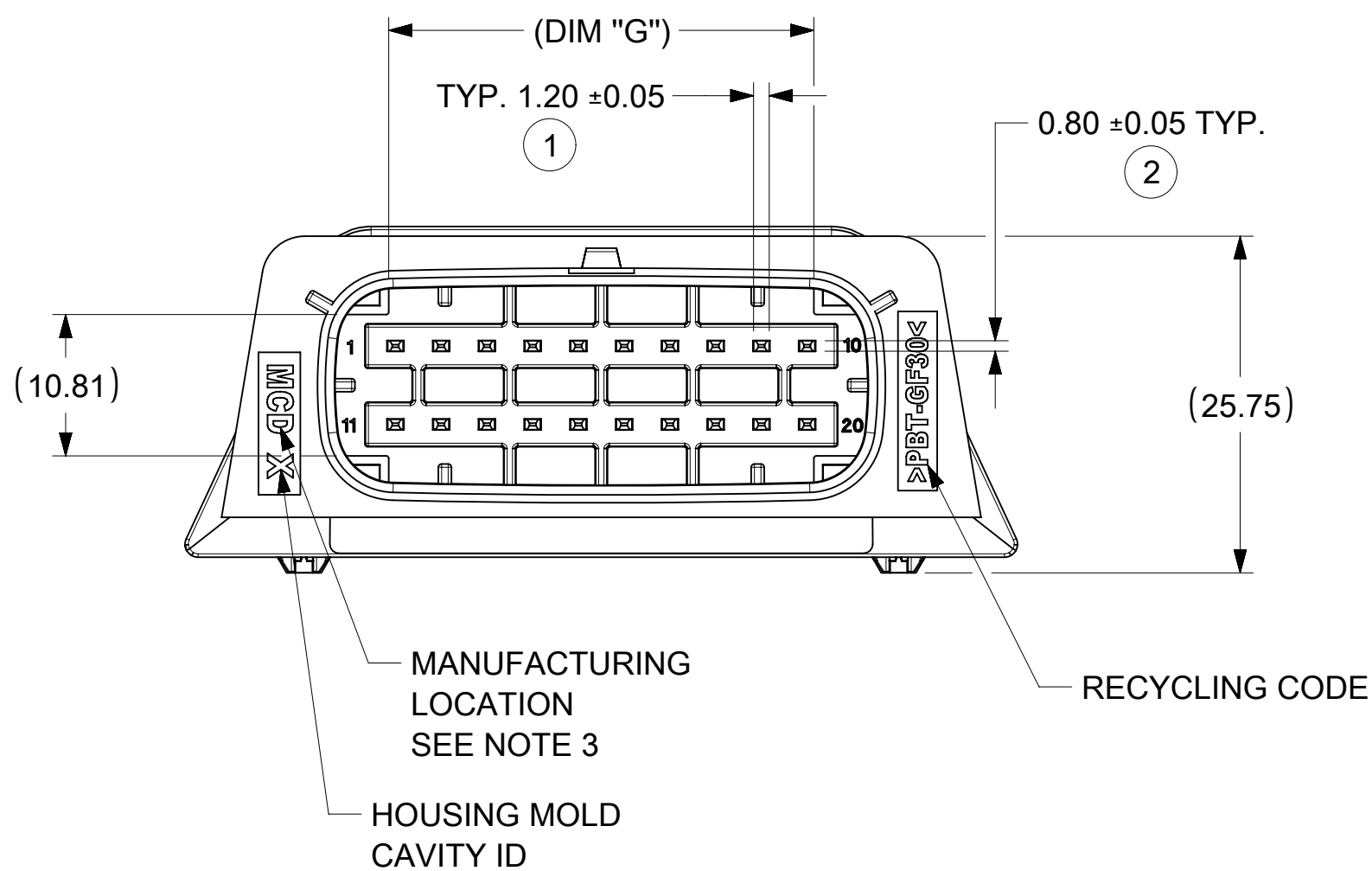
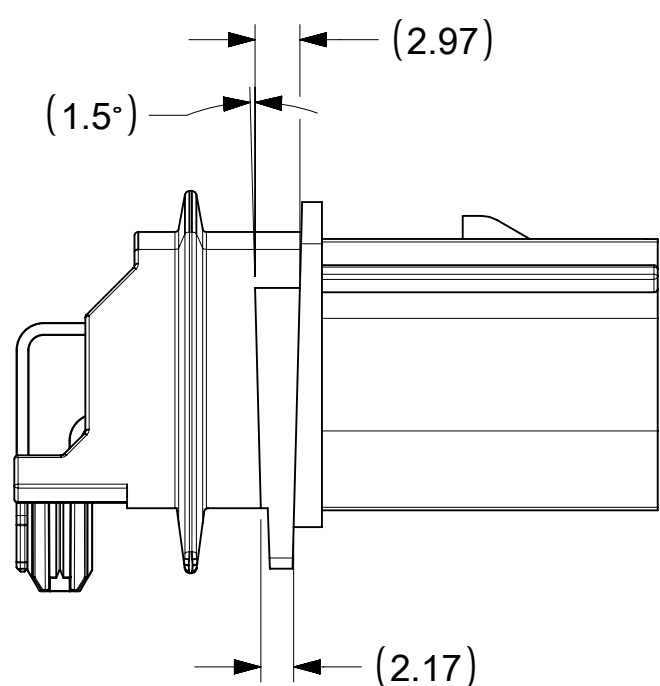
EON SHOWN
(2X10 SHOWN)



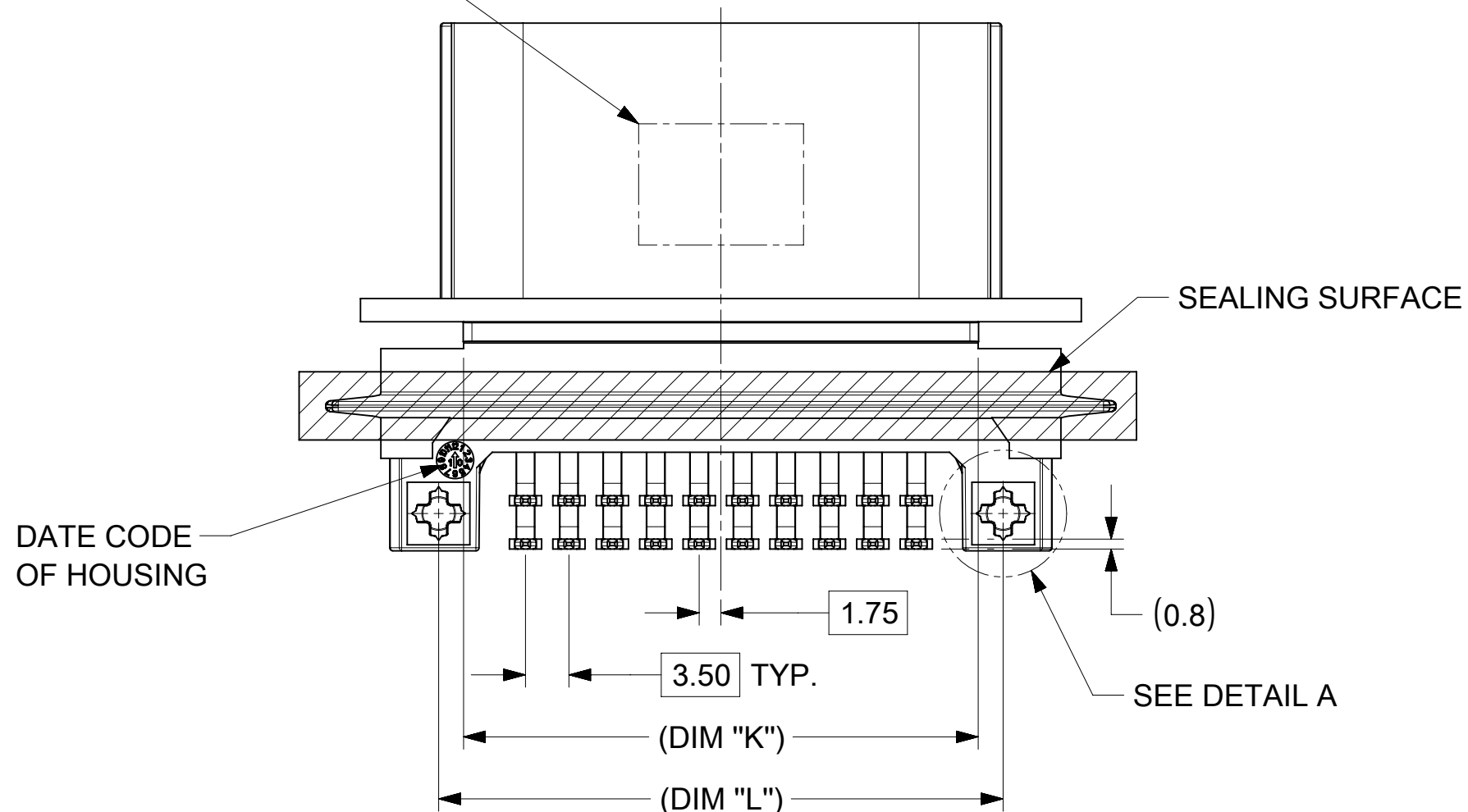
SOLDERTAIL SHOWN
(2X10 SHOWN)

NOTES UNLESS OTHERWISE SPECIFIED

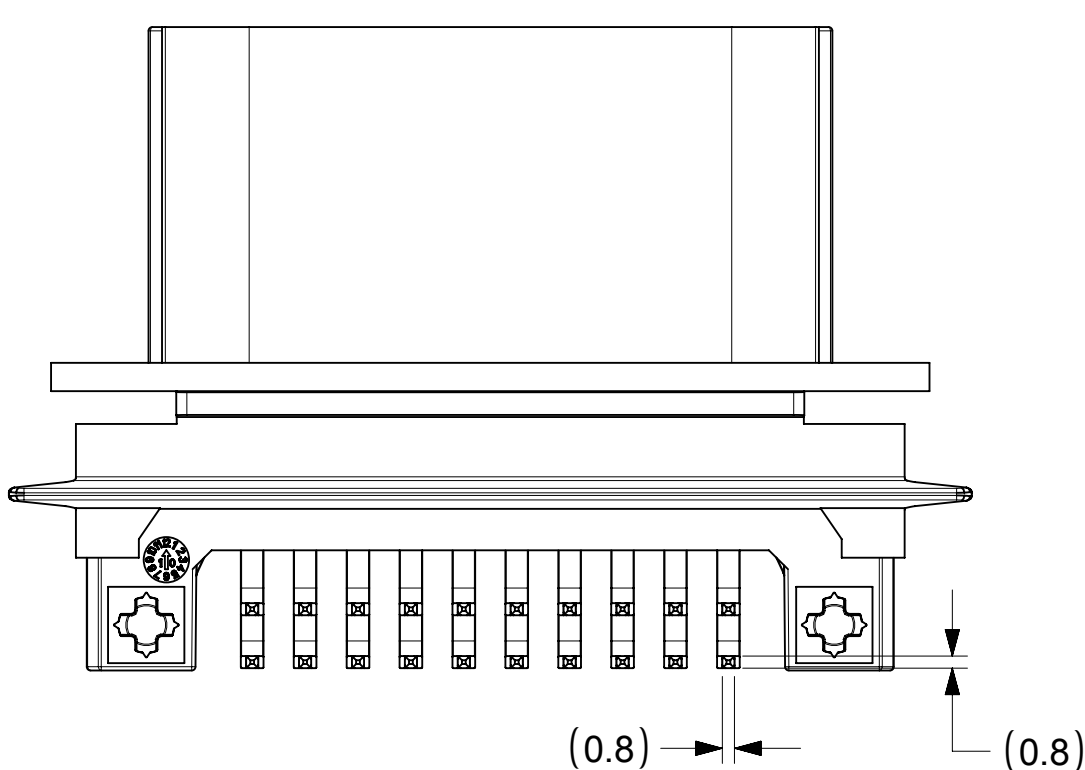
- GENERAL:
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: 2014040016
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - 1.5 PCB PRESS-FIT (COMPLIANT PIN) PER SD-31503-012 REV A
 - PCB INTENDED TO BE FR4 0.062" (1.6mm) THICK
- DESIGN - MATERIALS:
 - HOUSING: PBT 30%GF.
 - TERMINAL:
 - SOLDER VERSION: COPPER ALLOY.
 - COMPLIANT VERSION: COPPER ALLOY.
- DESIGN - GEOMETRY:
 - THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - LETTERING SHALL BE 0.15 MAX RAISED. THIS INCLUDES RECYCLING CODE, CAVITY ID, MANUFACTURING LOCATION, AND MOLEX MATERIAL NUMBER.
- TRUE POSITIONS OF THE EONS AND SOLDERTAIL TO BE VERIFIED WITH A FUNCTIONAL GO/NO GO GAUGE.
- ALL DIMENSIONS APPLY TO THE PART AS SHIPPED FROM MOLEX. FINAL POSITIONING IS ACHEIVED WITH PCB APPLICATION TOOLING. REFERENCE AS-34829-001.
- LASER MARKING TO BE MARKED WITH:
 - HUMAN READABLE CODE (HRC)
 - PERMANENTLY APPLIED ON THE PART WITH 1.5mm LETTER SIZE
 - INFORMATION TO BE PRINTED
 - 9 DIGIT MOLEX MATERIAL NUMBER
 - 5 DIGIT JULIAN MANUFACTURING DATE STAMP DDDYY
- TRUE POSITION OF THE MATE SIDE CONNECTOR TO BE VERIFIED WITH A GO/NO-GO FUNCTIONAL GAGE
- ALL DIMENSION WITH OUT BALLOONS ARE NOT MEASURED. SURROGATE DATA FROM THE COMPONENT PRINT WILL BE USED TO MEET DIMENSIONAL REQUIREMENTS.
- EON (COMPLIANT PIN) DESIGN REQUIRES AN ASSEMBLY FIXTURE FOR INSTALLATION.



LASER MARKING TO BE SHOWN
IN THIS LOCATION
SEE NOTE 6



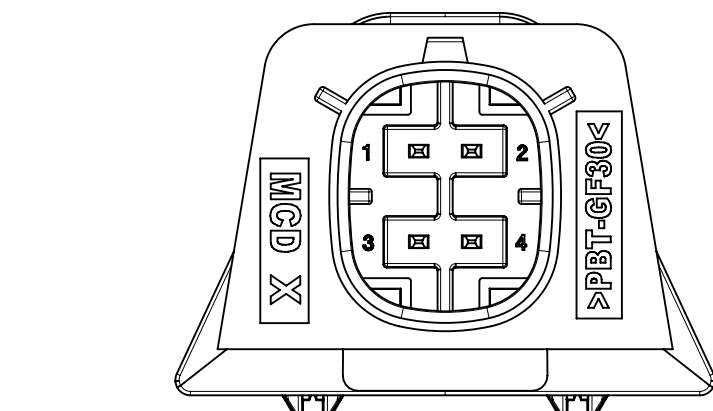
EON DESIGN



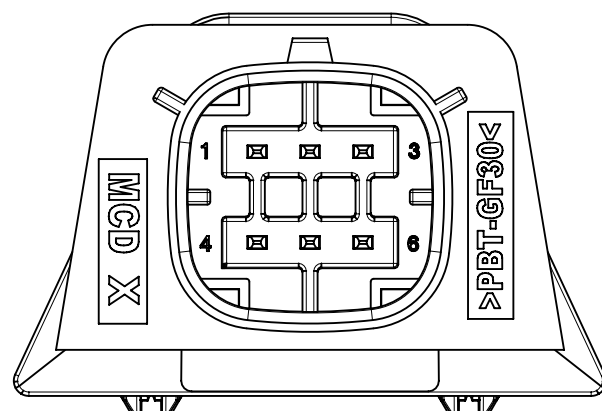
SOLDERTAIL DESIGN

| 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: RE-MASTERED IN NX/ECTR | | | | | | | |
| mm | 2:1 | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| ANGULAR TOL | ± 3.0° | | | | | | | | |
| 4 PLACES | ± | | | | | | | | |
| 3 PLACES | ± | | | | | | | | |
| 2 PLACES | ± 0.13 | | | | | | | | |
| 1 PLACE | ± 0.25 | | | | | | | | |
| 0 PLACES | ± | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | | | | | |
| | | | D-SIZE | 34829 | | | | | |
| | | | | | MATERIAL NUMBER | CUSTOMER | | SHEET NUMBER | |
| | | | | | SEE SHEET 2 | GENERAL MARKET | | 1 OF 3 | |

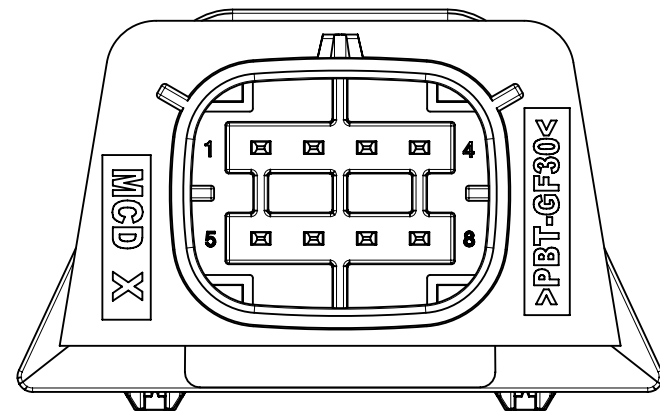
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|---------------------------------------|--|--|--|--|----------|----------|----------|--|--|
| molex | | | | | | | | | |
| MX150 DUAL ROW R/A HEADER ASSEMBLY | | | | | | | | | |
| PRODUCT CUSTOMER DRAWING | | | | | | | | | |
| DOCUMENT NUMBER | | | | | DOC TYPE | DOC PART | REVISION | | |
| SD-34829-001 | | | | | PSD | 001 | A4 | | |



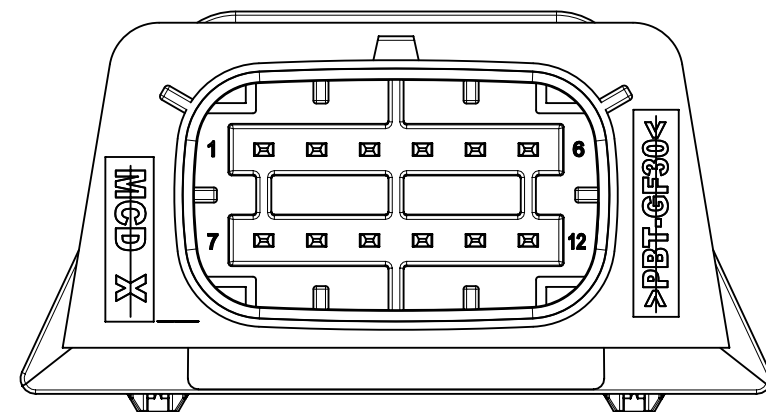
34829-04XX
34830-04XX



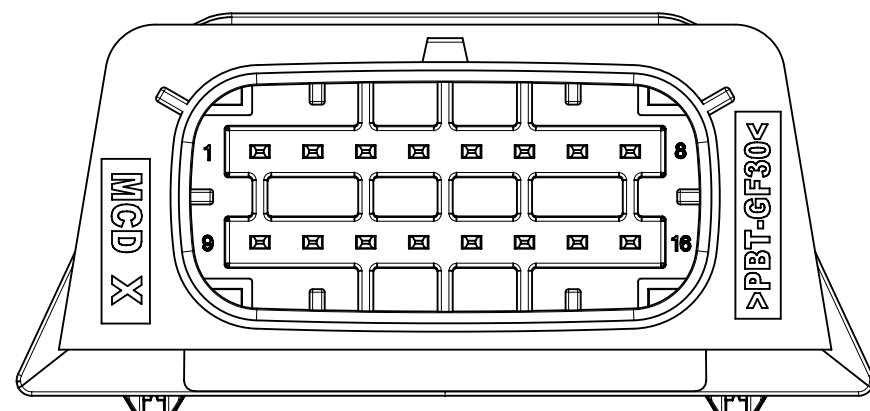
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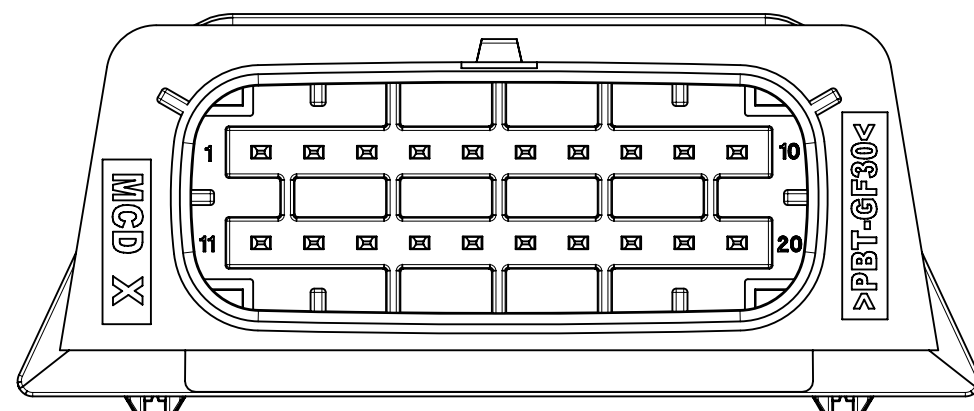
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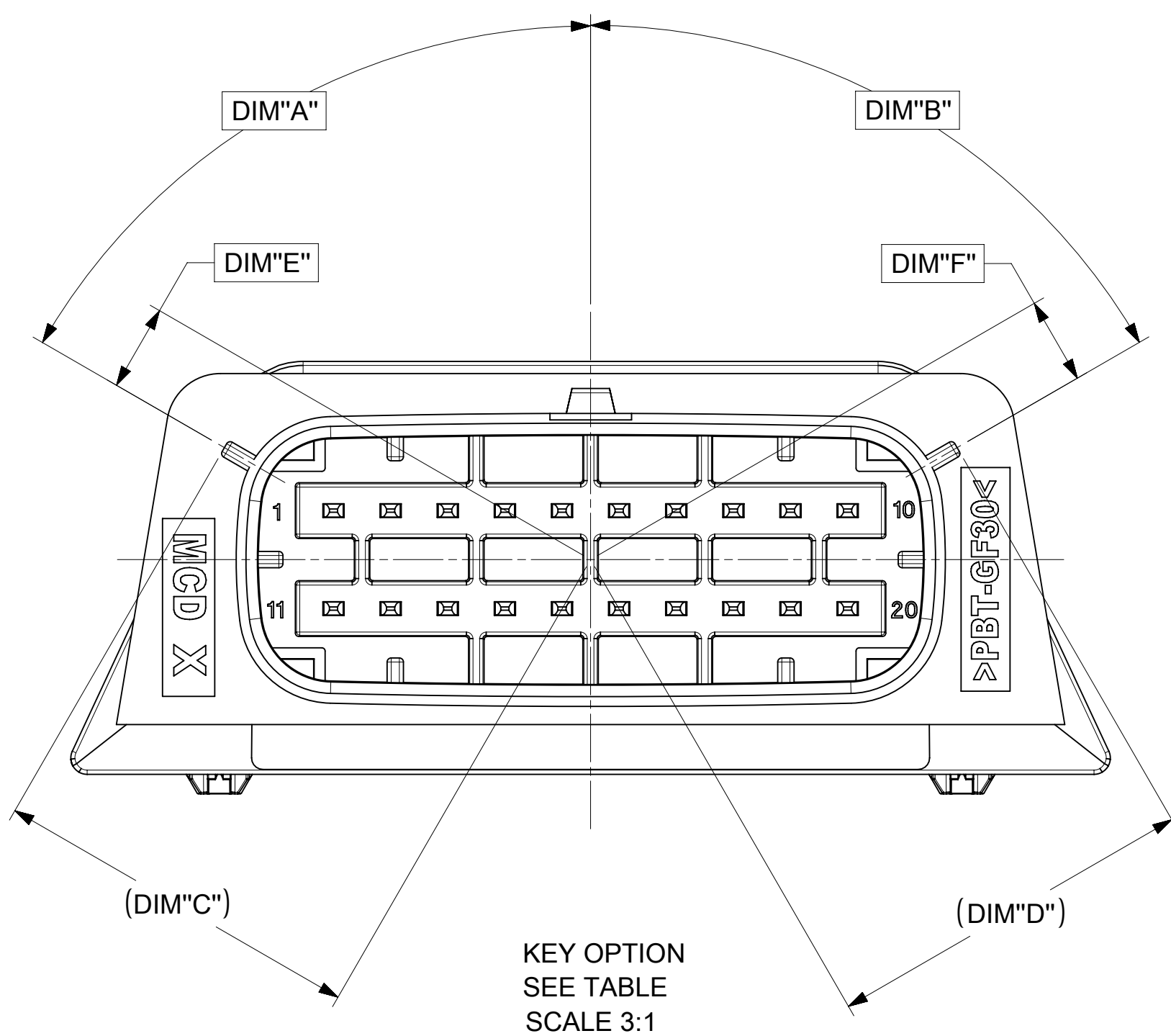
34829-12XX
34830-12XX



34829-16XX
34830-16XX





34829-20XX
34830-20XX



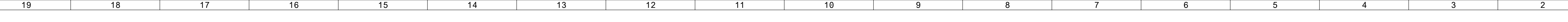
KEY OPTION
SEE TABLE
SCALE 3:1

| MATERIAL NUMBER | | DESCRIPTION | KEY CODING | COLOR | DIMENSION | | | | | | | | | | STATUS | | |
|-----------------|------------|-----------------|------------|---------|-----------|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|----------|----------------|
| EON | SOLDERTAIL | | | | A | B | C | D | E | F | G | H | J | K | L | EON | SOLDERTAIL |
| 348290401 | 348300401 | 2x2 WAY HEADER | A | BLACK | 60° | 60° | 10.75 | 10.75 | 1.73 | 1.73 | 4.53 | 13.24 | 36.83 | 13.54 | 17.50 | OBSOLETE | DESIGN CONCEPT |
| 348290402 | 348300402 | | B | LT GRAY | 40° | 60° | 11.16 | 10.75 | 0.57 | 1.73 | | | | | | | |
| 348290403 | 348300403 | | C | DK GRAY | 60° | 40° | 10.75 | 11.16 | 1.73 | 0.57 | | | | | | | |
| 348290404 | 348300404 | | D | BLACK | 40° | 40° | 11.16 | 11.16 | 0.57 | 0.57 | | | | | | | |
| 348290601 | 348300601 | 2x3 WAY HEADER | A | BLACK | 60° | 60° | 12.27 | 12.27 | 0.86 | 0.86 | 8.03 | 16.74 | 40.33 | 17.04 | 21.00 | OBSOLETE | DESIGN CONCEPT |
| 348290602 | 348300602 | | B | LT GRAY | 25° | 60° | 11.93 | 12.27 | 1.94 | 0.86 | | | | | | | |
| 348290603 | 348300603 | | C | DK GRAY | 60° | 25° | 12.27 | 11.93 | 0.86 | 1.94 | | | | | | | |
| 348290604 | 348300604 | | D | BLACK | 25° | 25° | 11.93 | 11.93 | 1.94 | 1.94 | | | | | | | |
| 348290801 | 348300801 | 2x4 WAY HEADER | A | BLACK | 60° | 60° | 13.78 | 13.78 | 0.02 | 0.02 | 11.53 | 20.24 | 43.83 | 20.54 | 24.50 | OBSOLETE | SALEABLE |
| 348290802 | 348300802 | | B | LT GRAY | 25° | 60° | 12.67 | 13.78 | 3.53 | 0.02 | | | | | | | |
| 348290803 | 348300803 | | C | DK GRAY | 60° | 25° | 13.78 | 12.67 | 0.02 | 3.53 | | | | | | | |
| 348290804 | 348300804 | | D | BLACK | 25° | 25° | 12.67 | 12.67 | 3.53 | 3.53 | | | | | | | |
| 348291201 | 348301201 | 2x6 WAY HEADER | A | BLACK | 60° | 60° | 16.81 | 16.81 | 1.77 | 1.77 | 18.53 | 27.24 | 50.83 | 27.54 | 31.50 | OBSOLETE | DESIGN CONCEPT |
| 348291202 | 348301202 | | B | LT GRAY | 25° | 60° | 14.14 | 16.81 | 6.70 | 1.77 | | | | | | | |
| 348291203 | 348301203 | | C | DK GRAY | 60° | 25° | 16.81 | 14.14 | 1.77 | 6.70 | | | | | | | |
| 348291204 | 348301204 | | D | BLACK | 25° | 25° | 14.14 | 14.14 | 6.70 | 6.70 | | | | | | | |
| 348291601 | 348301601 | 2x8 WAY HEADER | A | BLACK | 60° | 60° | 19.85 | 19.85 | 3.52 | 3.52 | 25.53 | 34.24 | 57.83 | 34.54 | 38.50 | OBSOLETE | DESIGN CONCEPT |
| 348291602 | 348301602 | | B | LT GRAY | 25° | 60° | 15.62 | 19.85 | 9.87 | 3.52 | | | | | | | |
| 348291603 | 348301603 | | C | DK GRAY | 60° | 25° | 19.85 | 15.62 | 3.52 | 9.87 | | | | | | | |
| 348291604 | 348301604 | | D | BLACK | 25° | 25° | 15.62 | 15.62 | 9.87 | 9.87 | | | | | | | |
| 348292001 | 348302001 | 2x10 WAY HEADER | A | BLACK | 60° | 60° | 22.88 | 22.88 | 5.27 | 5.27 | 32.53 | 41.24 | 64.83 | 41.54 | 45.50 | OBSOLETE | SALEABLE |
| 348292002 | 348302002 | | B | LT GRAY | 25° | 60° | 17.10 | 22.88 | 13.05 | 5.27 | | | | | | | |
| 348292003 | 348302003 | | C | DK GRAY | 60° | 25° | 22.88 | 17.10 | 5.27 | 13.05 | | | | | | | |
| 348292004 | 348302004 | | D | BLACK | 25° | 25° | 17.10 | 17.10 | 13.05 | 13.05 | | | | | | | |
| - | 348302006 | | B | NATURAL | 25° | 60° | 17.10 | 22.88 | 13.05 | 5.27 | | | | | | | |
| - | 348302007 | | D | LT GARY | 25° | 25° | 17.10 | 17.10 | 13.05 | 13.05 | | | | | | | |

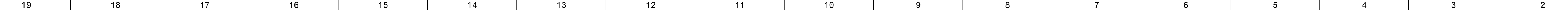
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|---|--|---|--|--|--|---------------------------------------|--|------------------|--|----------------|----------|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: RE-MASTERED IN NX/ECTR | | | | <div>molex</div> | | | | |
| mm | | 2:1 | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0 ° | | | | | | | | | | | | |
| 4 PLACES | | ± | | EC NO: 664346 | | MX150 DUAL ROW R/A HEADER ASSEMBLY | | | | | | |
| 3 PLACES | | ± | | DRWN: LSONG05 2021/04/21 | | | | | | | | |
| 2 PLACES | | ± 0.13 | | CHK'D: LSONG05 2021/05/24 | | | | | | | | |
| 1 PLACE | | ± 0.25 | | APPR: JDENG02 2021/05/28 | | PRODUCT CUSTOMER DRAWING | | | | | | |
| 0 PLACES | | ± | | INITIAL REVISION: | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION  | | DRAWING D-SIZE | | SERIES 34829 | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION |
| | | | | | | | | SD-34829-001 | | PSD | 001 | A4 |
| | |  | | | | | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER |
| | | | | | | | | SEE TABLE | | GENERAL MARKET | | 2 OF 3 |

| | | | | |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/05/28 | 03:49:48 |
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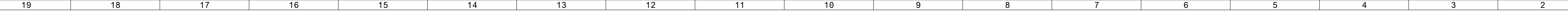
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| 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|



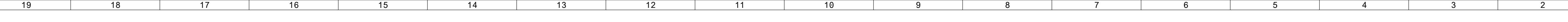
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|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|



| | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|
| 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|



| | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|
| 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|



| | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|
| 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|
| 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|