



# THE DATASHEET OF XDFH-0254-2\*13P

| 1                                      | 2                   | 3                    | 4                      | 5                       | 6                                                   | 7                                                             | 8                                                             | 9                                                              | 10                                                             | 11                                                             | 12                            |                                          |
|----------------------------------------|---------------------|----------------------|------------------------|-------------------------|-----------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|-------------------------------|------------------------------------------|
| CABLE 1<br>IDEN. (C-1)<br>UNINST. USED | WIRE<br>SIZE<br>AWG | WIRE<br>SPEC.<br>AWG | WIRE<br>SIZE<br>METRIC | WIRE<br>SPEC.<br>METRIC | CONDUCTOR<br>CRIMP HEIGHT<br>(SUCT C-2)<br>(F+P-50) | CONDUCTOR<br>CRIMP HEIGHT<br>METRIC<br>(SUCT C-2)<br>(F+P-50) | CONDUCTOR<br>CRIMP HEIGHT<br>METRIC<br>(SUCT C-3)<br>(F+P-50) | INSULATION<br>CRIMP HEIGHT<br>METRIC<br>(SUCT D-3)<br>(F+P-50) | INSULATION<br>CRIMP HEIGHT<br>METRIC<br>(SUCT D-3)<br>(F+P-50) | INSULATION<br>CRIMP HEIGHT<br>METRIC<br>(SUCT D-3)<br>(F+P-50) | INSULATION<br>CRIMP<br>OPTION | INSUL. GRIP<br>FORM<br>TIGHTEN<br>DEGREE |
| US                                     | 22                  |                      | 0.35                   |                         | 1.40                                                | 1.30                                                          | 2.05                                                          | 1.95                                                           | 1.95                                                           | 2.20                                                           |                               | 2                                        |
| CS                                     | 18                  |                      | 0.751/0.10             |                         | 1.50                                                | 1.30/1.35                                                     |                                                               | 4.20*                                                          | 4.15/4.20*                                                     | 4.10*                                                          |                               | 2                                        |
| CS                                     | 20                  |                      | 0.50                   |                         | 1.30                                                | 1.25                                                          | 2.45                                                          | 4.65*                                                          | 4.65                                                           |                                                                |                               | 2                                        |
| US                                     | 18                  |                      | 0.751/0.10             |                         | 1.50                                                | 1.30/1.35                                                     |                                                               | 2.35                                                           | 2.35/1.45                                                      |                                                                |                               | 2                                        |
| CS                                     | 22                  |                      | 0.50                   |                         | 1.30                                                | 1.25                                                          |                                                               | 2.20                                                           | 2.20                                                           | 2.80                                                           | OPTION 2                      | 2                                        |
| CS                                     | 14                  |                      | 2.00/2.50              |                         | 1.95                                                | 1.75/1.80                                                     |                                                               | 5.00*                                                          | 4.80/5.00*                                                     |                                                                |                               | 2                                        |
| US                                     | 14                  |                      | 1.50                   |                         | 1.50                                                | 1.51/1.70                                                     | 3.95                                                          | 4.50/3.5*                                                      | 4.50*                                                          | 5.20*                                                          |                               | 2                                        |
| US                                     | 14                  |                      | 2.00/2.50              |                         | 1.95                                                | 1.75/1.80                                                     |                                                               | 3.20                                                           | 3.10/3.25                                                      | 3.40                                                           |                               | 2                                        |
| US                                     | 14                  |                      | 2.00/2.50              |                         | 1.95                                                | 1.80                                                          |                                                               | 3.10                                                           | 3.00                                                           |                                                                |                               | 2                                        |
| US                                     | 21/18/20            | 6.3/5.0/4.0          | 21 (0.35)              | 1.90-1.60/1.30          | 1.90-1.60/1.30                                      | 3.25                                                          | 3.25                                                          | 3.2-3.3*                                                       | 3.1-3.2*                                                       | 4.30*                                                          | OPTION 1                      | 1                                        |
| CS                                     | N/A                 |                      | 2.5                    | N/A                     | N/A                                                 | 1.80                                                          | 3.45                                                          | N/A                                                            | 5.00                                                           | 5.20                                                           |                               | 2                                        |
| CS                                     | N/A                 |                      | 2.5                    | N/A                     | N/A                                                 | N/A                                                           |                                                               | N/A                                                            | N/A                                                            | N/A                                                            |                               | 2                                        |
| CS                                     | 10                  |                      | 5.00/6.00              |                         | 2.45                                                | 2.40/2.70                                                     |                                                               | 5.70*                                                          | 5.75/5.9*                                                      | 5.80*                                                          | OPTION 2                      | 2                                        |
| CS                                     | 10                  |                      | 4.00                   |                         | 2.20                                                | 2.05                                                          | 3.95                                                          | 5.30*                                                          | 5.30*                                                          |                                                                |                               | 2                                        |
| US                                     | 12                  |                      | 5.00/6.00              |                         | 2.45                                                | 2.40/2.70                                                     |                                                               | 6.10                                                           | 6.20                                                           |                                                                |                               | 1                                        |
| US                                     | 12                  |                      | 4.00                   |                         | 2.20                                                | 2.10                                                          |                                                               | DE HIRNENUM                                                    | 4.20                                                           | 4.35                                                           | OPTION 1                      | 1                                        |

\* NOT VERIFIED TO USCAR-21

STANDARD "B" FORM TOOLING DESIGN  
CONDUCTOR CRIMP

M

STAND

**VIEW OF PRECIOUS PLATING  
NOT TO SCALE**

PLATING OPTION #7

8.0 MINIMUM FULL  
SILVER LENGTH

ZONE "D"

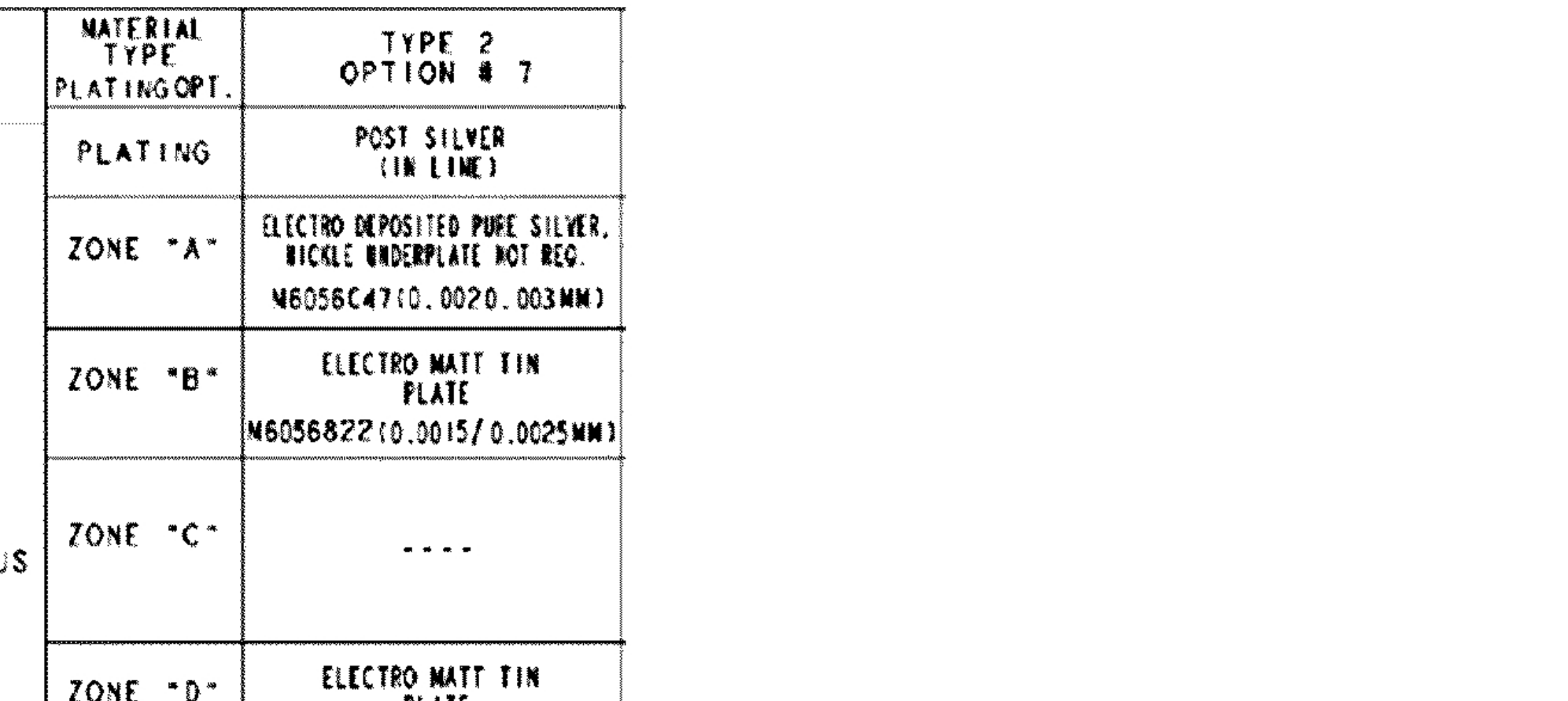
ZONE "B"  
FULL TIN  
THICKNESS

POINT "X"  
MEASURE TIN THICKNESS  
BETWEEN SERRATIONS  
AT BOTTOM OF INSIDE RADIUS

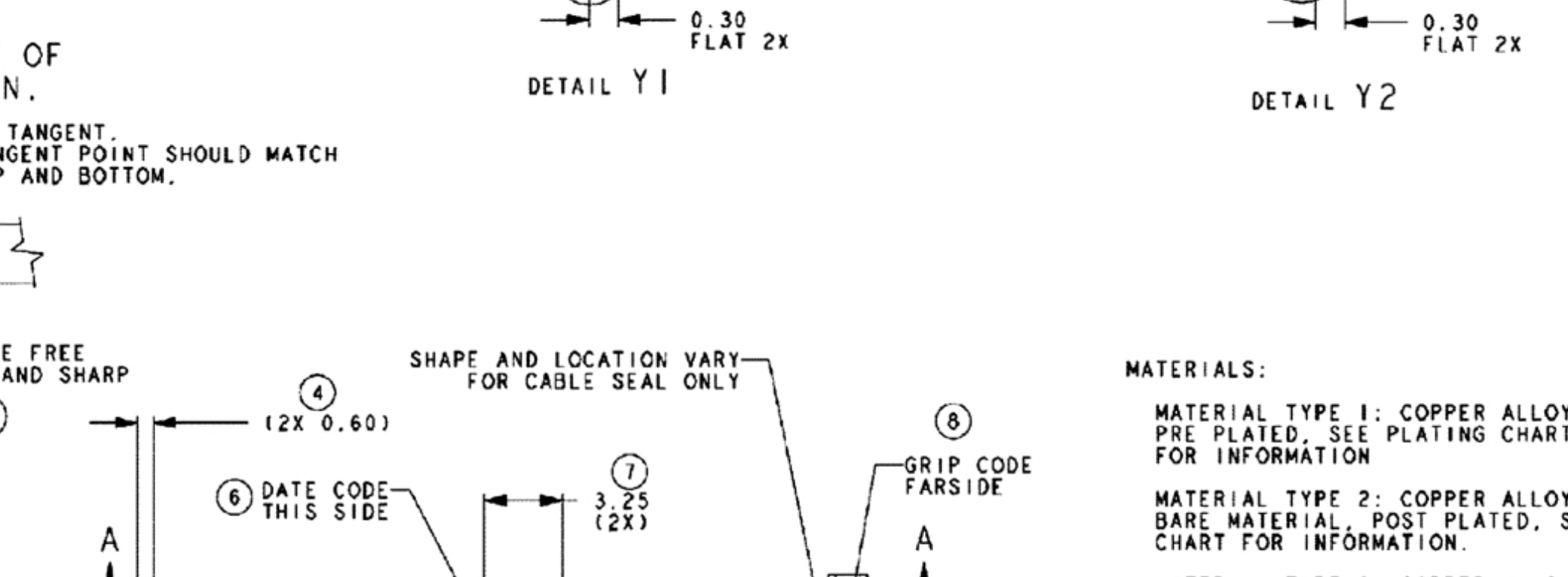
TRANSITION FROM SILVER TO  
TIN, THIS AREA

**SILVER PLATING  
OPTION**

| DWO STATUS |      |     |     | ZONE | REVISION HISTORY                                                                                                                                                                              | AUTH   | DR  | PR  | M   |   |
|------------|------|-----|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|-----|---|
| DATE       | TIME | REV | INP |      |                                                                                                                                                                                               |        |     |     |     | 1 |
| 05FE13     | R    | 01  | -   | -    | ALL PARTS - REVISED AND REDAWN IN PSD SYSTEM. ADDED DELPHI PART NUMBERS AND UPDATED MWL CHART                                                                                                 | 421054 | JEG | JAA | DAB | M |
| 15FE13     | R    | 02  | -   | -    | ALL PARTS - ADDED NMCI COLUMN ON MWL CHART AND BLADE THICK TRUE POSITION WAS 0.10                                                                                                             | 421399 | JEG | JAA | DAB |   |
| 14MR13     | R    | 03  | -   | -    | 13400512,15512730,10762794 & 15510823 - DIM "L" WAS 1.000. ALL PARTS - UPDATED MWL PASTE UP DWG TO REV LEVEL "L" DUE TO ORIGINAL PRPW AND ADDED DELPHI FORMAT & CHART. 33511839-43 - RELEASED | 421737 | JEG | JAA | DAB |   |
| 10OC13     | R    | 04  | -   | -    | 33111005 - RELEASED                                                                                                                                                                           | 423999 | COO | JAA | DAB | L |
| 05NO13     | R    | 05  | -   | -    | 15548841 - RELEASED                                                                                                                                                                           | 425451 | COO | JAA | DAB |   |
| 18MR14     | M    | 06  | -   | -    | ALL PARTS - INSPECTION SYMBOL, BALLOON #31 WAS 3.0/2.2 TYP. 10576292, 13969901, 15524593, 13400514-15 & 33511841-42 UPDATED "WIRE SIZE" & INSULATION DIAMETER. INFO ON CHART FOR 14/5 GAGE    | 425921 | COO | JAA | BC  |   |
| 24JL17     | R    | 07  | -   | -    | 19690801,15520890,15520916-17,15510823,15512730,13400512-16,33511840-43 - UPDATED PART AVAILABILITY                                                                                           | 437251 | BDH | JWM | JOG |   |
| 09JL18     | R    | 08  | -   | -    | 13400512-14, 13400516, 33511840-41 & 33511843-44 - ADDED "PLATING OPTION 47" VIEW                                                                                                             | 440242 | DAV | JAA | JOG |   |
| 04DE18     | R    | 09  | -   | -    | 35270385,86 - RELEASED<br>15509074, 15512734 - WIRE SIZE WAS 2.5                                                                                                                              | 441331 | AHG | AHS | LES | K |
| 05FE19     | R    | 10  | -   | -    | 35270385 & 35270386 - CORRECTED PART AVAILABILITY IN PASTE UP                                                                                                                                 | 442276 | JGO | JAA | JIE |   |
| 05AP19     | R    | 11  | -   | -    | 35270385 - UPDATED MWL PASTE UP DWG, "L" WAS 1.4 & ADDED "K" VALUES 35270386 - UPDATED MWL PASTE UP DWG, "WIRE SIZE" WAS 2.5                                                                  | 442505 | DDH | JAA | JIE |   |

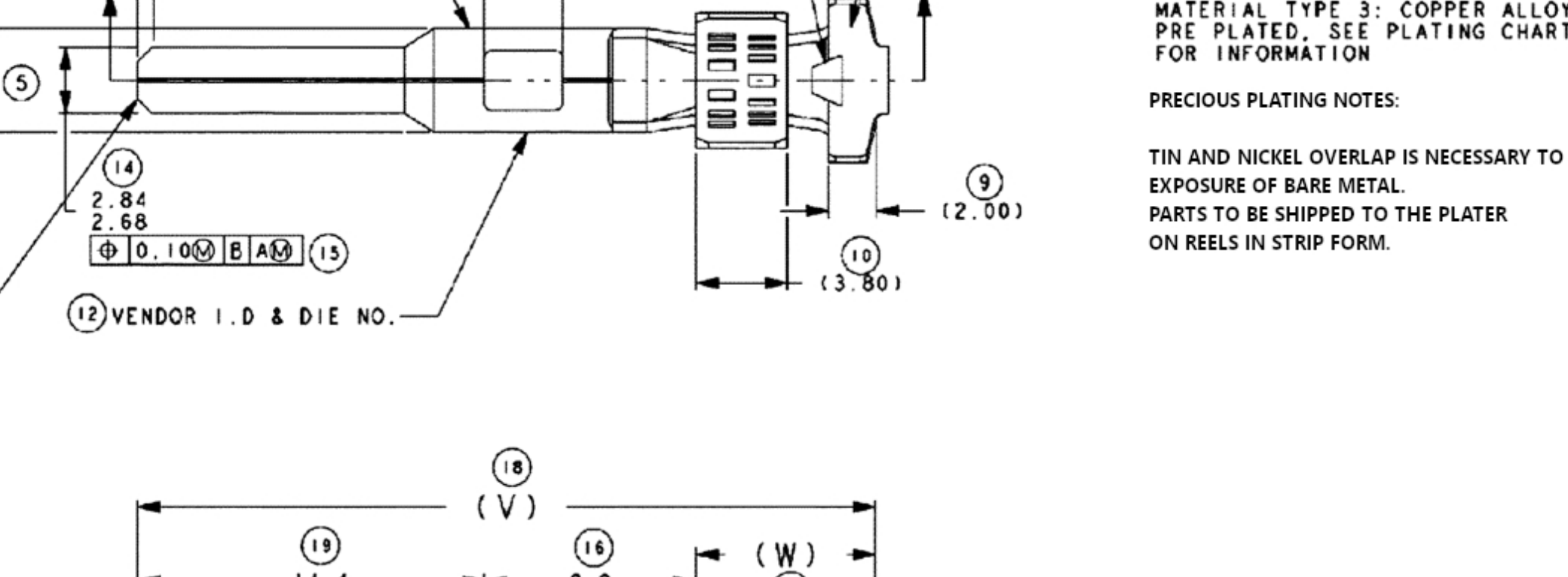


(MP) WIDTH (CW)  
 CRIMP WIDTH (CW)  
 WORKING SURFACES MUST BE POLISHED ALL AROUND  
 F (RAD) 2X  
 2.40/0.30 ± .45° CHAMFER (ROUND BOTH SIDES)  
 SEE DETAIL Y1  
 (RS. 112X)  
 4.3  
 G  
 PUNCH  
 ANVIL  
 J (RAD)  
 3.0° 2X  
 K  
 N  
 PUNCH  
 3.0° 2X  
 CRIMP HEIGHT (CH)  
 INSULATION ON CRIMP (OPTION 2)  
 SECTION C-C  
 SCALE 8:1

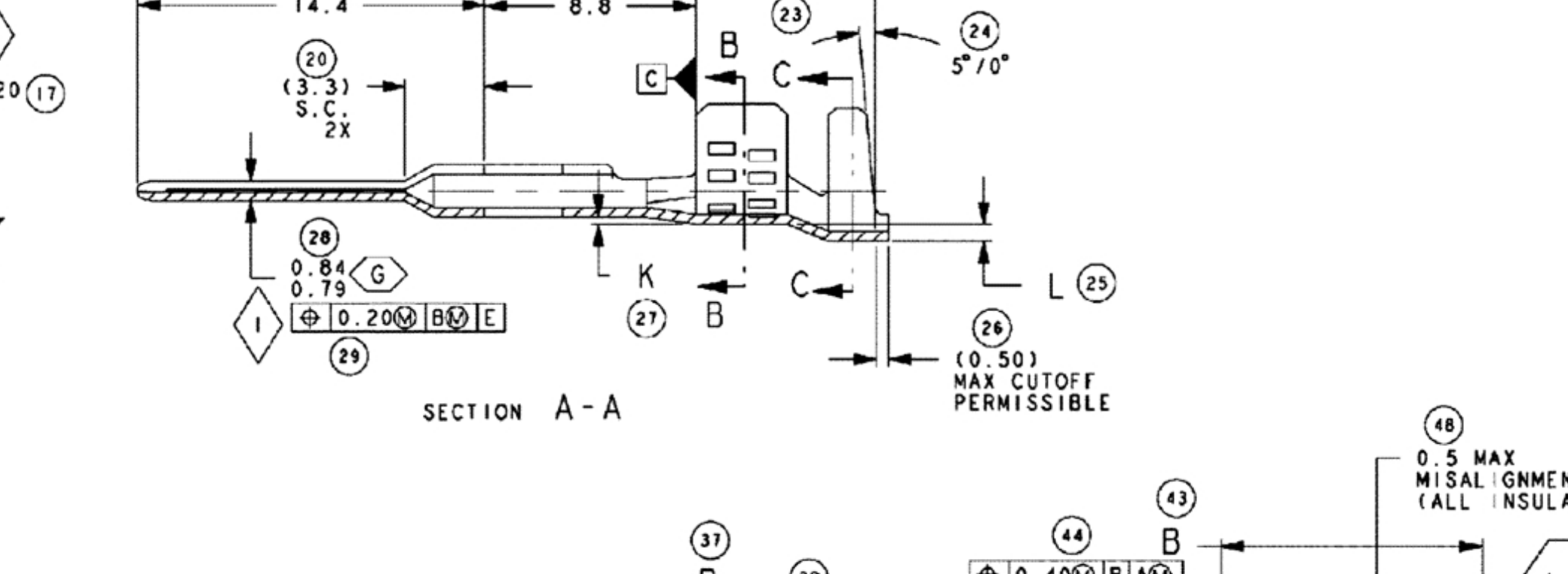
[illegible]

|             |   |   |          |
|-------------|---|---|----------|
| -           | - | Y | 35318916 |
| -           | - | Y | 35279385 |
| -           | - | Y | 35279386 |
| 54001001    | T | N | 10762774 |
| 54001001RWA | T | N | 15548841 |
| 54001001RWC | T | N | 15512726 |
| 54001020    | T | N | 15512730 |
| -           | - | N | 33400512 |
| 54001027    | T | Y | 15516298 |
| 54001029WA  | T | Y | 15516299 |

|   |  |
|---|--|
| H |  |
| G |  |

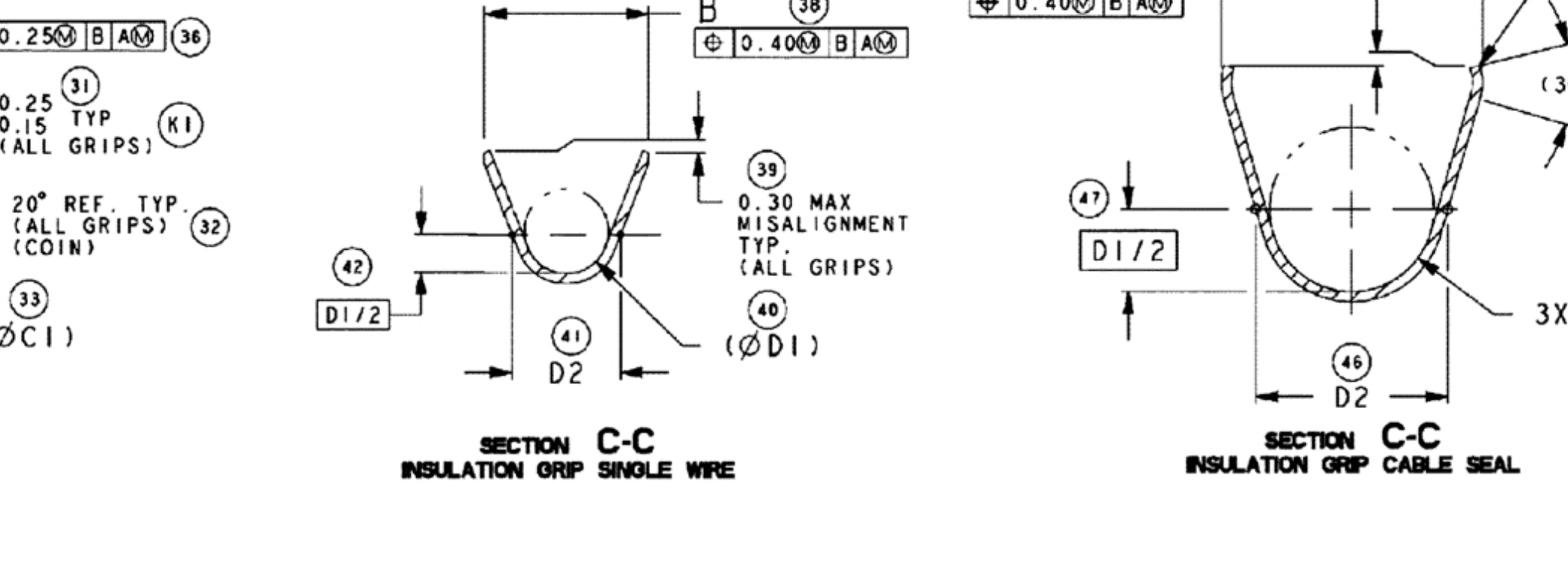


|  |  |             |   |   |          |
|--|--|-------------|---|---|----------|
|  |  | 5400102RWA  | T | Y | 33400512 |
|  |  | F808B00     | T | Y | 15509074 |
|  |  | F808B00RWA  | T | Y | 15512734 |
|  |  | -           | - | N | 33400514 |
|  |  | -           | - | N | 33400515 |
|  |  | 54001441    | T | N | 13681974 |
|  |  | 54001441RWC | T | N | 15522351 |
|  |  | 54001401    | T | N | 10757692 |
|  |  | 54001401RWA | T | N | 15524503 |
|  |  | 54001401RWC | T | N | 13969990 |
|  |  | 54001301    | T | N | 10757693 |
|  |  | 54001301RWA | T | N | 15524504 |
|  |  | -           | - | N | 33400516 |
|  |  | F875200     | T | N | 15509076 |

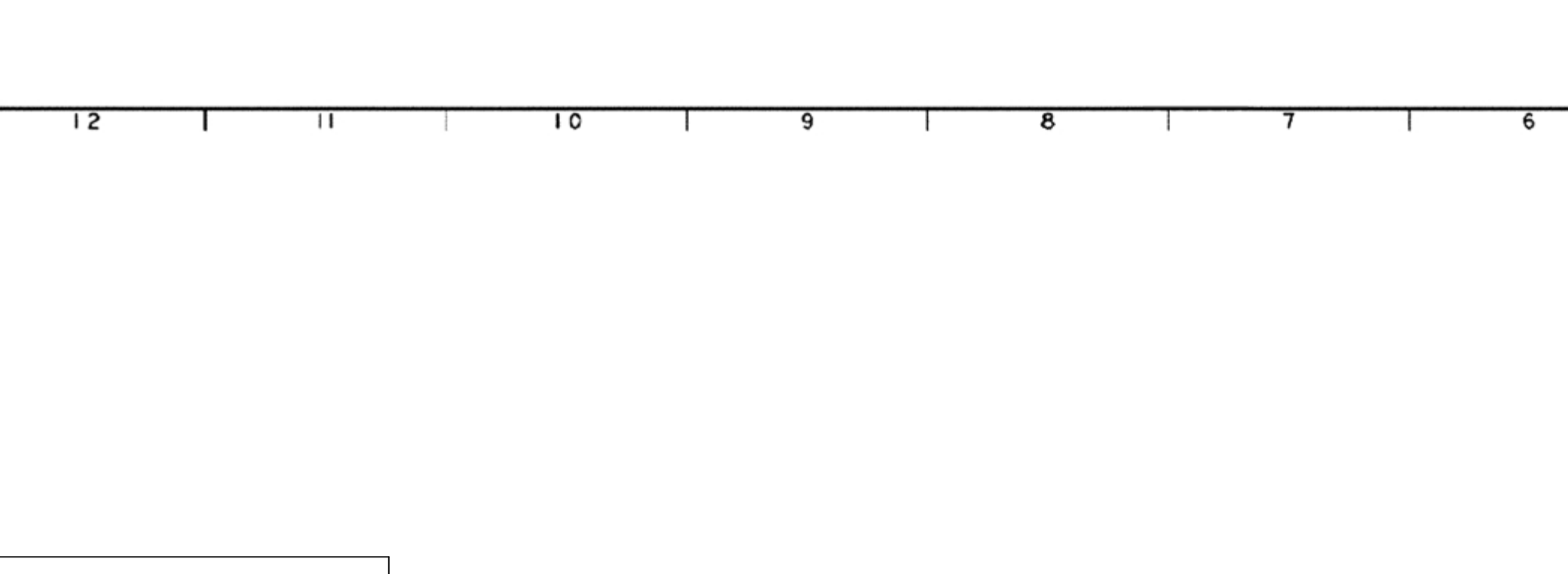


|   |             |   |   |          |
|---|-------------|---|---|----------|
| E | 54001819    | T | N | 15425613 |
|   | 54001819RWA | T | N | 15512733 |
|   | 54001819RWC | T | N | 15513652 |
|   | 54001818    | T | N | 15435215 |
|   | 54001818RWA | T | N | 15516296 |
|   | 54001818RWC | T | N | 13971791 |
|   | 54001804    | T | N | 13805590 |
|   | 54001804RWA | T | N | 15512732 |
|   | 54001804RWC | T | N | 15516297 |
|   | 54001801    | T | N | 10762775 |
| O | 54001801RWA | T | N | 15516294 |
|   | 54001801RWC | T | N | 13751022 |
|   | F975200     | T | N | 15520946 |
|   | 54002230    | T | N | 33501642 |

|  |   |  |
|--|---|--|
|  | E |  |
|  |   |  |
|  | D |  |



|   |  |             |     |        |             |
|---|--|-------------|-----|--------|-------------|
| C |  | 5400221RWA  | T   | N      | 15512731    |
|   |  | 5400222R    | T   | N      | 15520890    |
|   |  | 54002201    | T   | N      | 10762776    |
|   |  | 54002201RWA | T   | N      | 15512725    |
|   |  | 54002201RWC | T   | N      | 13969981    |
| B |  | PART NUMBER | REV | SEALED | PART NUMBER |
|   |  | MVL         |     |        |             |
| A |  |             |     |        |             |



|                                                                                                                                                                                                                                                                                |  |                                                                                       |  |                            |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------|--|
| IF PARTS:<br>NEW TYPE:                                                                                                                                                                                                                                                         |  | PART DRAWING                                                                          |  | TITLE:                     |  |
| STYLE:                                                                                                                                                                                                                                                                         |  | OTHER CODE:                                                                           |  | DR:                        |  |
| NUMBER: 1001                                                                                                                                                                                                                                                                   |  |  |  | DATE:                      |  |
| UNLESS OTHERWISE SPECIFIED:<br>THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994<br>AS AMENDED BY Y14.5M-2003. DIMENSIONS ARE IN INCHES<br>AND FRACTIONS. ALL DIMENSIONS ARE UNLESS OTHERWISE<br>STATED. MATERIALS ARE TO BE GRADE SEPARATELY UNLESS OF DATA<br>REFERENCES. |  | DR1:<br>DR2: J. S. ALVARADO<br>DR3: SERGIO GOMEZ L.<br>DR4:                           |  | 4MRL 3<br>4MRL 3<br>4MRL 3 |  |
| ALL DIMENSIONS ARE IN MILLIMETERS                                                                                                                                                                                                                                              |  | MATERIALS:<br>SUBSTANCES OF CONCERN AND RECYCLED<br>CONTENT: PEP 411 (10/20/00)       |  | B                          |  |
| REFERENCE:                                                                                                                                                                                                                                                                     |  | DRAWING NAME:<br>TAXI TERM M APEX 2,8 SN                                              |  | A                          |  |
| DRAWING NUMBER:                                                                                                                                                                                                                                                                |  | DRAWING NUMBER:                                                                       |  | A                          |  |

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND  
AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION  
(SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL  
OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL  
BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

TOLERANCE UNLESS  
OTHERWISE SPECIFIED:

|  |              |             |
|--|--------------|-------------|
|  | DECIMAL:     | ANGULAR:SEE |
|  | TWO PLACE:   | SEE DRAWING |
|  | THREE PLACE: | SEE DRAWIN  |

|                                                                                                                                                                                                                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| LINE DRAWING THROUGH 3 EXPANSION VIEWS<br>(NOTE THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORIGINATING)<br>DIMENSIONS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORIGINATING<br>ALL PARTS MUST BE ORDERED AS AVAILABLE. |  |
| TYPE: <b>PART DRAWING</b>                                                                                                                                                                                                                                  |  |
| DR: <b>JAVIER ESGUVEL</b><br>APV02: <b>A.A. VARADO</b><br>APV03: <b>GERARDO GOMEZ L.</b><br>APV04:                                                                                                                                                         |  |
| DATE:                                                                                                                                                                                                                                                      |  |
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE IN ACCORDANCE WITH ASME Y14.5M (2014) UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE IN MILLIMETERS<br>DIMENSIONS ARE TO BE GRABED SEPARATELY, ROUNDED OFF OF DATA POINTS.                              |  |
| SUBSTANCES OF CONCERN AND RECYCLED CONTENT: <b>PROT AP711 (UNPAID)</b>                                                                                                                                                                                     |  |
| OPTION: <b>SEE CHART</b>                                                                                                                                                                                                                                   |  |
| DRAWING NUMBER: <b>1081919199</b>                                                                                                                                                                                                                          |  |
| SIZE: <b>A1x3</b> SCALE: <b>NONE</b> FRAME NO: <b>1 OF 1</b> SHEET NO: <b>1 OF 1</b>                                                                                                                                                                       |  |

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