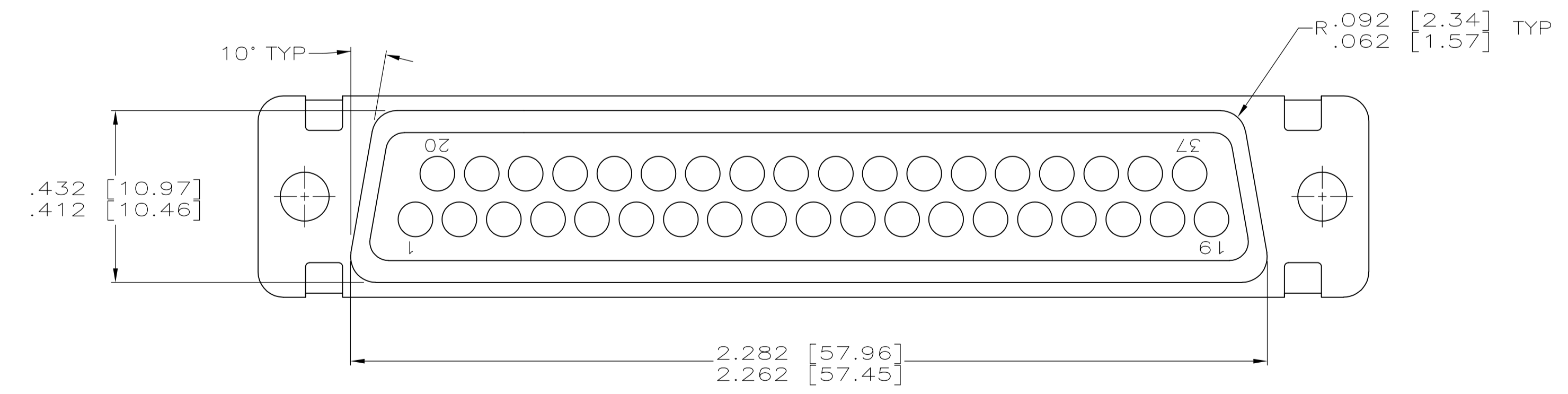
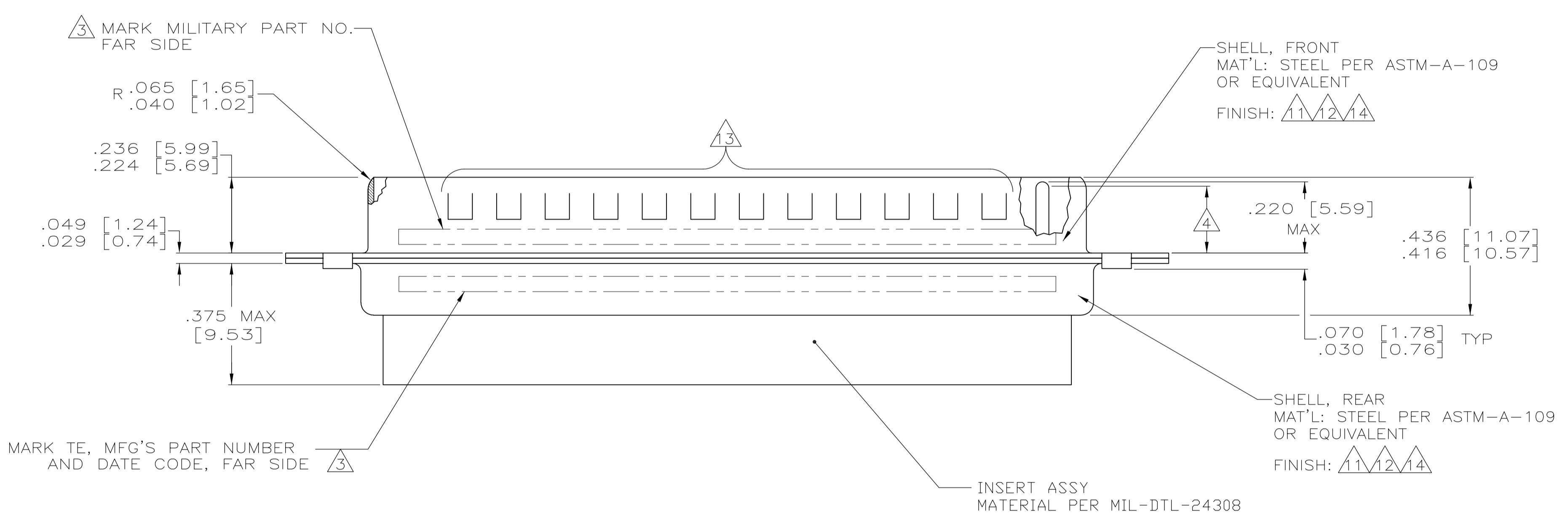
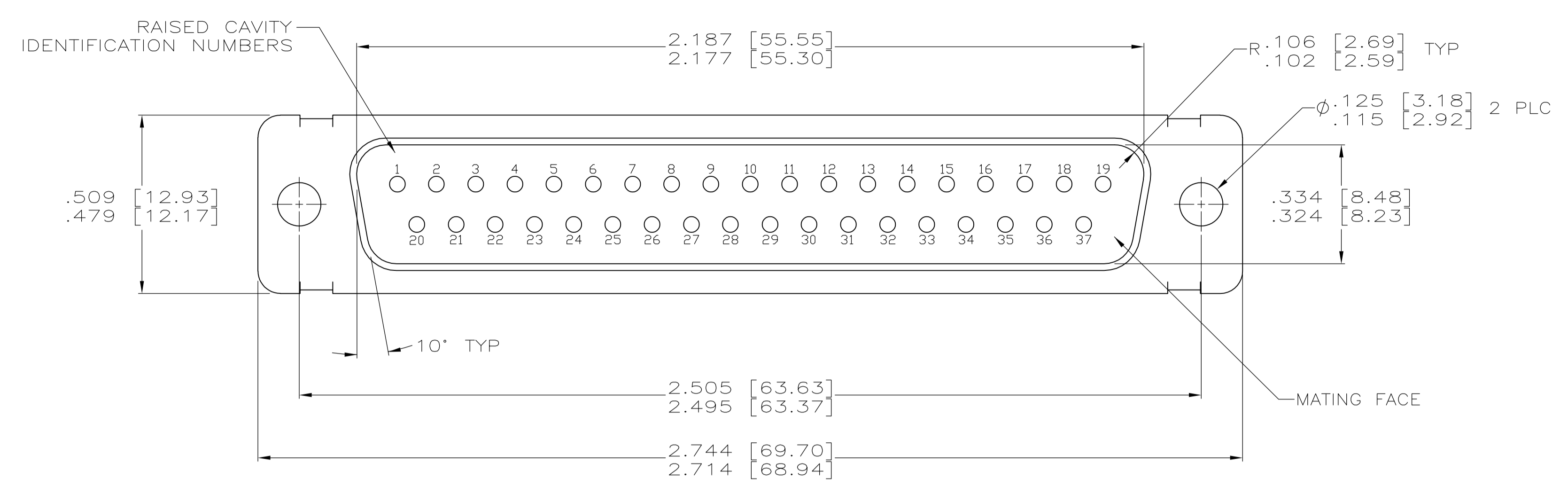


| LOC |         | DIST          |         | REVISIONS |      |  |  |
|-----|---------|---------------|---------|-----------|------|--|--|
| P   | LTR     | DESCRIPTION   | DATE    | DN        | APVD |  |  |
| Y   | REV PER | ECO-15-016062 | 10NOV15 | KG        | CD   |  |  |



- THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
- THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY RECEPTACLE CONNECTOR WITH THE SAME INSERT ARRANGEMENT.
- THE PART NUMBER MARKED ON THE CONNECTOR MAY DIFFER FROM THE PART NUMBER ORDERED DUE TO THE MARKING REQUIREMENTS OF MIL-C-24308/4 (PART NUMBER MARKED ON CONNECTOR REPRESENTS CONNECTOR ASSEMBLY WITH CONTACTS). MARK WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE.
- FULL PIN DIAMETER EXTENSION IS .155 [3.94] MIN. CONTACT NOT INCLUDED - SHOWN FOR DIMENSIONAL REFERENCE ONLY.
- THIS CONNECTOR ASSEMBLY IS DESIGNED TO ACCEPT SIZE 20 CRIMP TYPE PIN CONTACT MILITARY PART NUMBER M39029/64-369 (MFG'S PART NUMBER 205089-1). FOR ALTERNATE CONTACT OPTIONS CONSULT TE CATALOG.
- MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.
- FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO TE IS 7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO TE IS 7508.
- PART NUMBER FOR ORDERING.
- DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
- THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.
- FINISH: CADMIUM PER QQ-P-416, TYPE II, CLASS 2 OVER COPPER PER AMS2418, CLASS 4.
- FINISH: TIN PER ASTM-B-545, .000200 [0.0051] MIN THK OVER COPPER PER AMS2418, .000050 [0.00127] MIN THK
- FRONT SHELL HAS GROUNDING INDENTS ON 205168-5 & -6 ONLY.
- FINISH: BRIGHT TIN PER ASTM-B-545, .000400 [0.0101]-.000550 [0.0139] THK OVER COPPER PER AMS2418, .000050 [0.00127] MIN THK.

| REMARKS           | INSERT ARRANGEMENT | NO OF POS | SHELL SIZE | PACKAGE MILITARY P/N | MILITARY P/N ON CONNECTOR | MFG'S P/N ON CONNECTOR | PART NUMBER |
|-------------------|--------------------|-----------|------------|----------------------|---------------------------|------------------------|-------------|
| OBSOLETE          | 14                 | MS18276-1 | 37         | 4                    | -                         | 205168-7               | 205168-7    |
|                   | 13, 14             | MS18276-1 | 37         | 4                    | -                         | 205168-6               | 205168-6    |
|                   | 12, 13             | MS18276-1 | 37         | 4                    | -                         | 205168-5               | 205168-5    |
| OBSOLETE          | -                  | -         | -          | -                    | -                         | -                      | 205168-4    |
| SUPSD BY 205292-1 | 11                 | MS18276-1 | 37         | 4                    | -                         | 205168-3               | 205168-3    |
| SUPSD BY 206802-2 | 11                 | MS18276-1 | 37         | 4                    | -                         | 205562-4               | 205168-2    |
|                   | 11                 | MS18276-1 | 37         | 4                    | M24308/4-262F             | M24308/4-4F            | 205562-2    |
|                   | 11                 | MS18276-1 | 37         | 4                    | M24308/4-262F             | M24308/4-4F            | 205562-2    |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                    |  |              |              |              |              |              |              |
|--------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± .005 | 1 PLC ± .005 | 2 PLC ± .005 | 3 PLC ± .005 | 4 PLC ± .005 | ANGLES ± .1° |
|--------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|

MATERIAL: SEE CALLOUTS. FINISH: SEE CALLOUTS.

APPROVED: AJ GRAFF, R GILLMAN, R GILLMAN. DATE: 26FEB93, 01MAR93, 01MAR93.

NAME: AMPLIMITE PLUG ASSY WITHOUT SIZE 20 CRIMP TYPE PIN CONTACTS SERIES 109, SHELL SIZE 4.

SIZE: A1. CAGE CODE: 00779. DRAWING NO: 205168. RESTRICTED TO: CUSTOMER DRAWING. SCALE: 4:1. SHEET: 1 OF 1. REV: Y.

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