



- ① NUMBERS (SEE TABLE) AND LINES INDICATING EVERY FIVE CAVITIES.
- ② CUSTOMER PART NO, 00779, DATE CODE, AMP PART NO, AND AMP IN AREA SHOWN
- 3. MUST MEET ALL APPLICABLE REQUIREMENTS OF MIL-C-55302 AND ITTA DRAWING 1138740
- ④ NUMBERS INDICATING EVERY FIVE CAVITIES MARKED ON SIDE.
- ⑤ CONTACT MATERIAL: BERYLLIUM COPPER (BeCu) OR COPPER NICKEL SILICONE (CuNiSi)
FINISH: .000050 MIN GOLD PER ASTM-B-488 OVER .000030 MIN NICKEL PER AMS-QQ-N-290 IN CONTACT AREA, 60/40 TIN-LEAD OVER NICKEL IN TAIL AREA PER SAE-AMS-P-81728

| IDENTIFICATION MARKING | CONTACT IDENT NO | DIM E | DIM D | DIM C | DIM B | DIM A | NO OF CONTACTS | PART NO. |
|------------------------|------------------|-------------------|-------|-------------------|-------------------|-------------------|----------------|------------|
| M55302/24-78 | 1-45 46-90 | 3.300 [83.82] | 44 | 3.565 [90.55] | 3.965 [100.71] | 4.255 [108.08] | 90 | 1-531129-2 |
| M55302/24-86 | 1-55 56-110 | 4.050 [102.87] | 54 | 4.315 [109.60] | 4.715 [119.76] | 5.005 [127.13] | 110 | 1-531129-1 |
| M55302/24-82 | 1-50 51-100 | 3.675 [93.35] | 49 | 3.940 [100.08] | 4.340 [110.24] | 4.630 [117.60] | 100 | 1-531129-0 |
| M55302/24-74 | 1-40 41-80 | 2.925 [74.30] | 39 | 3.190 [81.03] | 3.590 [91.19] | 3.880 [98.55] | 80 | 531129-9 |
| M55302/24-70 | 1-35 36-70 | 2.550 [64.77] | 34 | 2.815 [71.50] | 3.215 [81.66] | 3.505 [89.03] | 70 | 531129-8 |
| M55302/24-66 | 1-30 31-60 | 2.175 [55.25] | 29 | 2.440 [61.98] | 2.840 [72.14] | 3.130 [79.50] | 60 | 531129-7 |
| M55302/24-62 | 1-25 26-50 | 1.800 [45.72] | 24 | 2.065 [52.45] | 2.465 [62.61] | 2.755 [69.98] | 50 | 531129-6 |
| M55302/24-58 | 1-20 21-40 | 1.425 [36.20] | 19 | 1.690 [42.93] | 2.090 [53.09] | 2.380 [60.45] | 40 | 531129-5 |
| M55302/24-54 | 1-15 16-30 | 1.050 [26.67] | 14 | 1.315 [33.40] | 1.715 [43.56] | 2.005 [50.93] | 30 | 531129-4 |
| M55302/24-50 | 1-10 11-20 | .675 [17.15] | 9 | .940 [23.88] | 1.340 [34.04] | 1.630 [41.40] | 20 | 531129-3 |
| M55302/24-46 | 1-5 6-10 | .300 [7.62] | 4 | .565 [14.35] | .965 [24.51] | 1.255 [31.88] | 10 | 531129-2 |
| ⑤ | 1-45 46-90 | 3.300 [83.82] | 44 | 3.565 [90.55] | 3.965 [100.71] | 4.255 [108.08] | 90 | 531129-1 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED:

| | |
|--------|---------|
| 0. PLC | ± .0005 |
| 1. PLC | ± .0005 |
| 2. PLC | ± .0005 |
| 3. PLC | ± .0005 |
| 4. PLC | ± .0005 |
| ANGLES | ± .0005 |

MATERIAL: SEE NOTE 5. FINISH: -

APPROVED: N. DEIBERT, 22MAR07. NAME: RECEPTACLE ASSY, 750 SERIES BOX MILITARY, WITH EXTERNAL KEYING AND SOLDER EYELET CONTACTS.

SIZE: A1. CAGE CODE: 00779. DRAWING NO: 531129. WEIGHT: -. RESTRICTED TO: -

CUSTOMER DRAWING. SCALE: 4:1. SHEET: 1 OF 1. REV: D.