| PART NO. | A98181-031 | REV | ECO | DATE | APP |
|---|---|---|---|---|---|
| | | A | 102791 | 08-09-16 | HV |

## MATERIALS

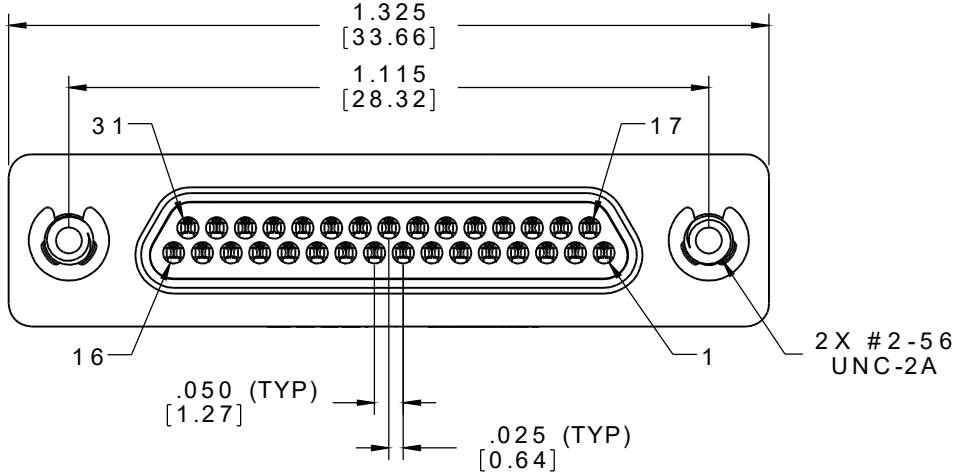
**HOUSING:**
ALUMINUM 6061-T6, NICKEL PLATE PER SAE-AMS-2404

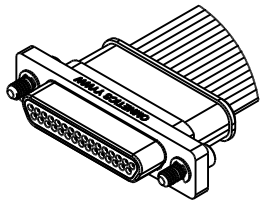
**INSULATOR:**
LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138

**CONTACT:**
BERYLLIUM COPPER PER ASTM B194, C17200, GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C, CLASS 1.27

**WIRE:**
NEMA HP3 TYPE E, COLOR CODED IAW MIL-STD-681, SYSTEM 1, USING TEN SOLID REPEATING COLORS

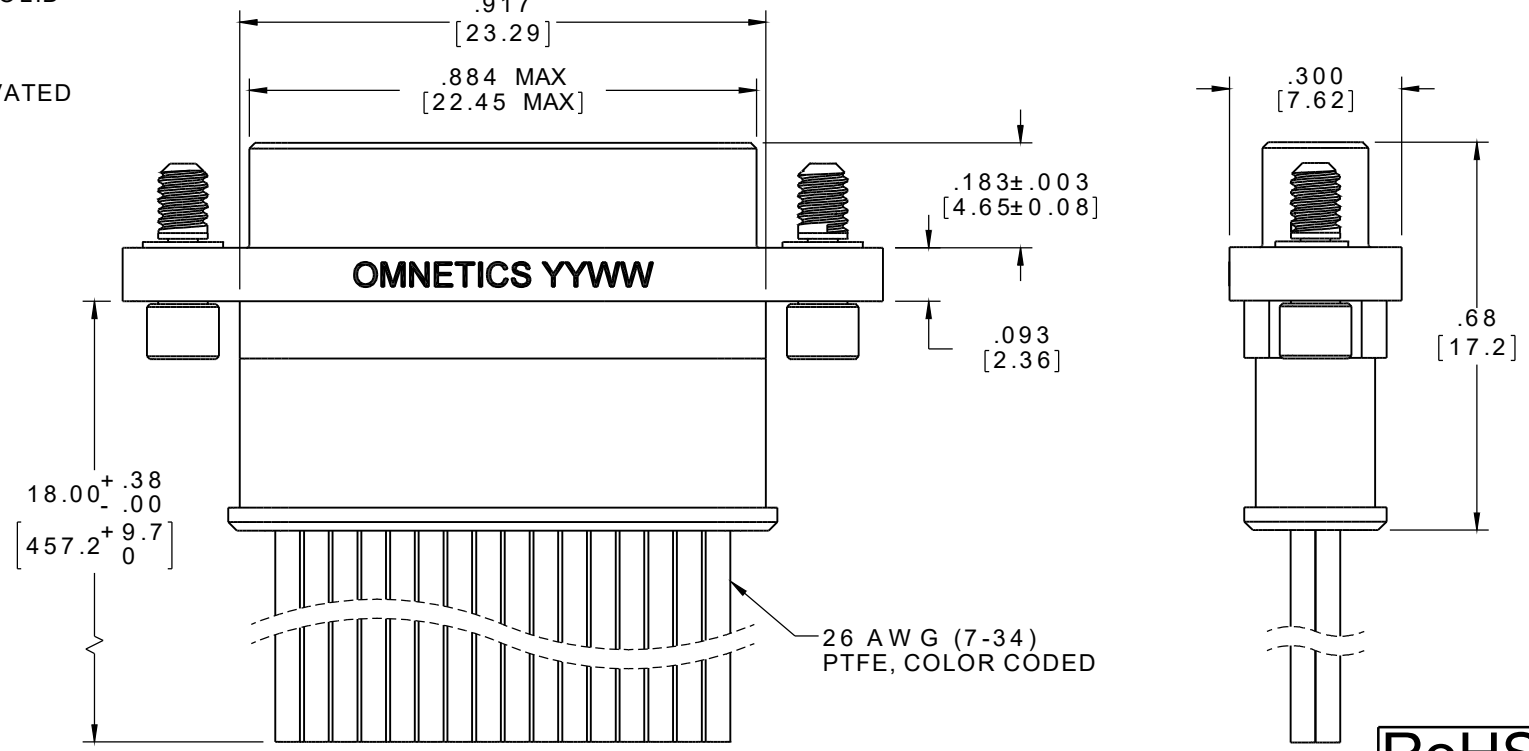
**HARDWARE**:
STAINLESS STEEL, PASSIVATED PER SAE-AMS-2700



ACTUAL SIZE
EXCLUDING WIRE LENGTH

| PIN # | COLOR |
|---|---|
| 1, 11, 21, 31 | BLACK |
| 2, 12, 22 | BROWN |
| 3, 13, 23 | RED |
| 4, 14, 24 | ORANGE |
| 5, 15, 25 | YELLOW |
| 6, 16, 26 | GREEN |
| 7, 17, 27 | BLUE |
| 8, 18, 28 | VIOLET |
| 9, 19, 29 | GRAY |
| 10, 20, 30 | WHITE |




INTERNAL USE ONLY
USE MFG LOADING PROCEDURE MMDP-031

RoHS

NOTE:

DIMENSIONS IN [ ] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY

MMDP
SLDW

THIRD ANGLE
-TOLERANCES-
UNLESS OTHERWISE NOTED
DIMENSIONS IN INCHES
2 PL DEC± .01
3 PL DEC± .005
4 PL DEC± .0005
ANGLES ± 1°

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| | | |
|---|---|---|
| DFTM. HV | DATE 05-27-16 | TITLE: (31) PIN MALE MICRO-D CONNECTOR W/ JACKSCREWS |
| CHK'D. | DATE | |
| APP'D. | DATE | |

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CONNECTOR CORPORATION
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CAGE CODE 61873
DWG NO. A98181-031
SHEET 1 OF 1
REV A
SCALE: 3:1