

MATERIALS

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

LATCH:
STAINLESS STEEL, NICKEL
PLATE PER SAE-AMS-2404

INSULATOR:
LIQUID CRYSTAL POLYMER
(LCP) PER ASTM D5138

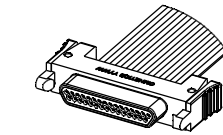
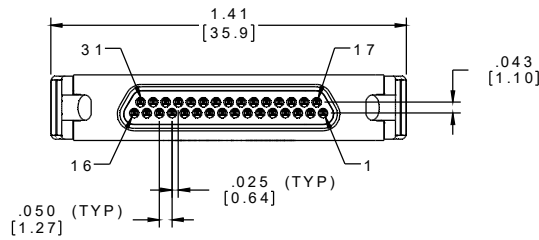
CONTACT:
BERYLLIUM COPPER PER
ASTM B194, C17200, GOLD
PLATED PER ASTM B488,
(HARD GOLD) TYPE II CODE
C, CLASS 1.27

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

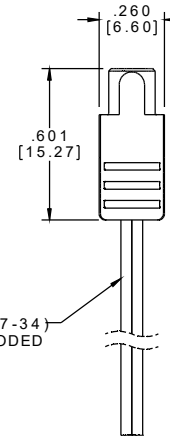
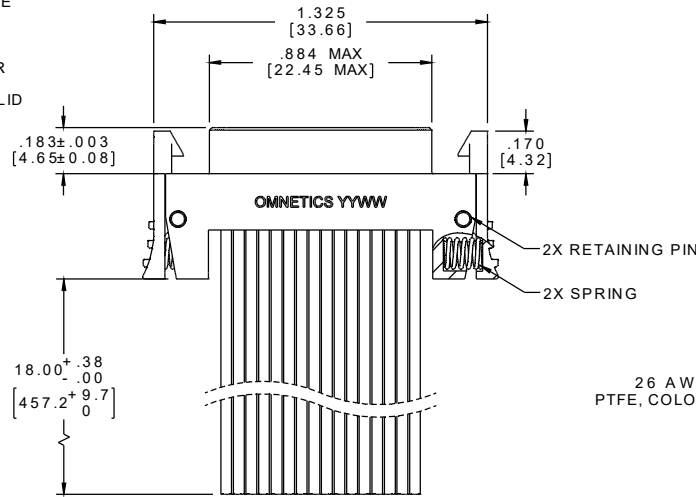
| PIN # | COLOR |
|---------------|--------|
| 1, 11, 21, 31 | BLACK |
| 2, 12, 22 | BROWN |
| 3, 13, 23 | RED |
| 4, 14, 24 | ORANGE |
| 5, 15, 25 | YELLOW |
| 6, 16, 26 | GREEN |
| 7, 17, 27 | BLUE |
| 8, 18, 28 | VIOLET |
| 9, 19, 29 | GRAY |
| 10, 20, 30 | WHITE |

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MMDP-031

| PART NO. | A98150-031 | REV | ECO | DATE | APP |
|----------|------------|-----|--------|----------|-----|
| | | C | 100387 | 03-20-14 | TLM |



ACTUAL SIZE
EXCLUDING WIRE LENGTH



26 AWG (7-34)
PTFE, COLOR CODED

RoHS

NOTE:

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

| | | | |
|---|---------------------|----------|---|
| THIRD ANGLE -TOLERANCES- UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES | DFTM. MJM | DATE | TITLE: (31) PIN MALE MICRO-D CONNECTOR W/LATCHES |
| | 2 P L D E C ± .01 | 04-09-12 | |
| | 3 P L D E C ± .005 | CHK'D. | |
| | 4 P L D E C ± .0005 | APP'D. | |
| ANGLE B ± 1° | | | |

OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

| | |
|--------------------|------------|
| CAGE CODE 61873 | REV |
| DWG NO. A98150-031 | C |
| SHEET 1 OF 1 | SCALE: 2:1 |