

# MATERIALS & SPECIFICATIONS

## INSULATOR:

POLYPHENYLENE SULFIDE (PPS)  
PER MIL-M-24519, TYPE GST  
40F.

## CONTACT:

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

## TERMINATION:

SOLDER PLATED PER AMS-P-  
81728.

## LATCH BOX:

BERYLLIUM COPPER PER ASTM  
B194 NICKEL PLATE PER SAE-  
AMS-2404

## CURRENT CAPACITY:

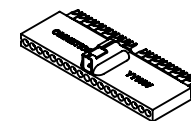
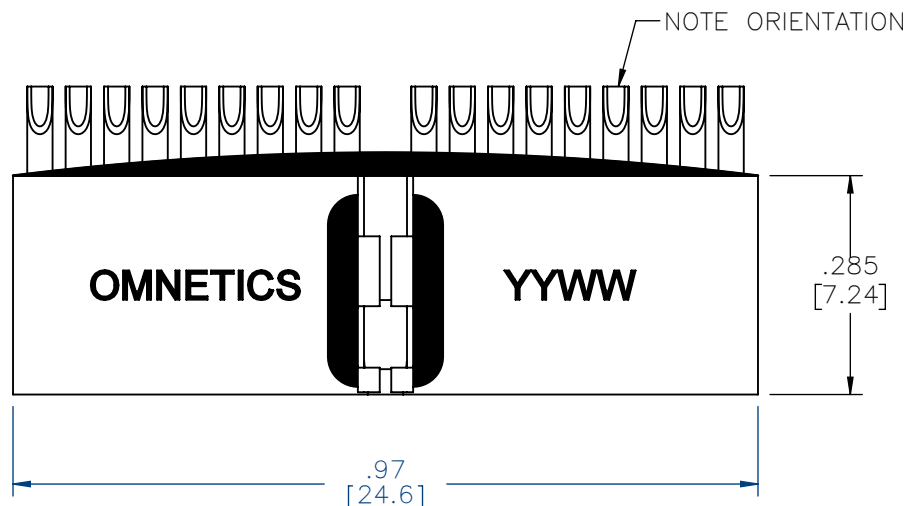
3 AMP MAX.

## CONTACT RESISTANCE:

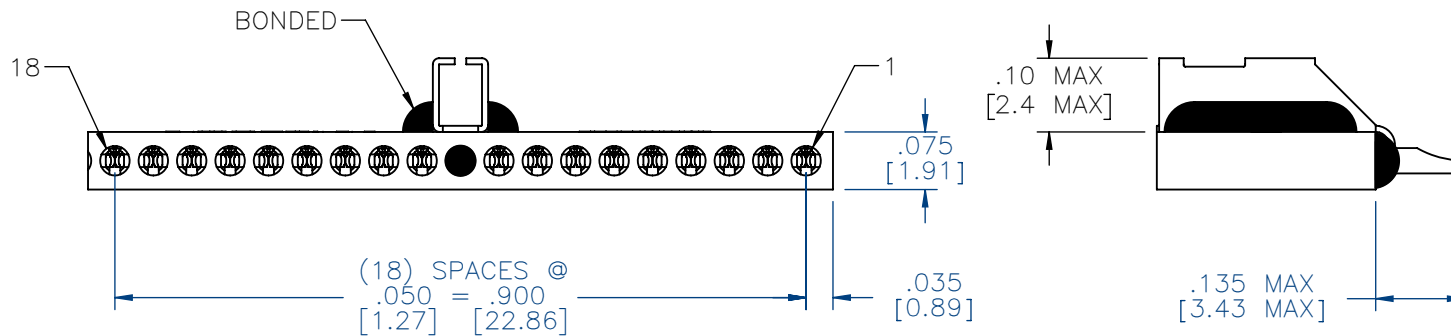
26 MILLIOHMS (65mV) MAX @  
2.5 AMPS.

## PERFORMANCE:

PRODUCT FAMILY TESTED TO AND  
PASSED THE PERFORMANCE  
SPECIFICATIONS OF TABLE VII OF  
MIL-DTL-83513.



ACTUAL SIZE



## NOTE:

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

| PST | 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. JMJ  
CHK'D.  
APP'D.

DATE  
03-29-13  
DATE  
DATE

TITLE:  
(18) PIN MALE  
SINGLE ROW CONNECTOR  
W/LATCH

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

CAGE CODE **61873**  
DWG NO. **A24002-018**  
SHEET 1 OF 1  
SCALE: 4:1  
REV B