

PART NO.	A55000-137	REV	ECO	DATE	APP
		C	100683	06-28-14	TLM

MATERIALS & SPECIFICATIONS

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

INSULATOR:
THERMOPLASTIC PER
MIL-DTL-32139

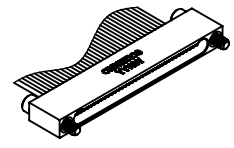
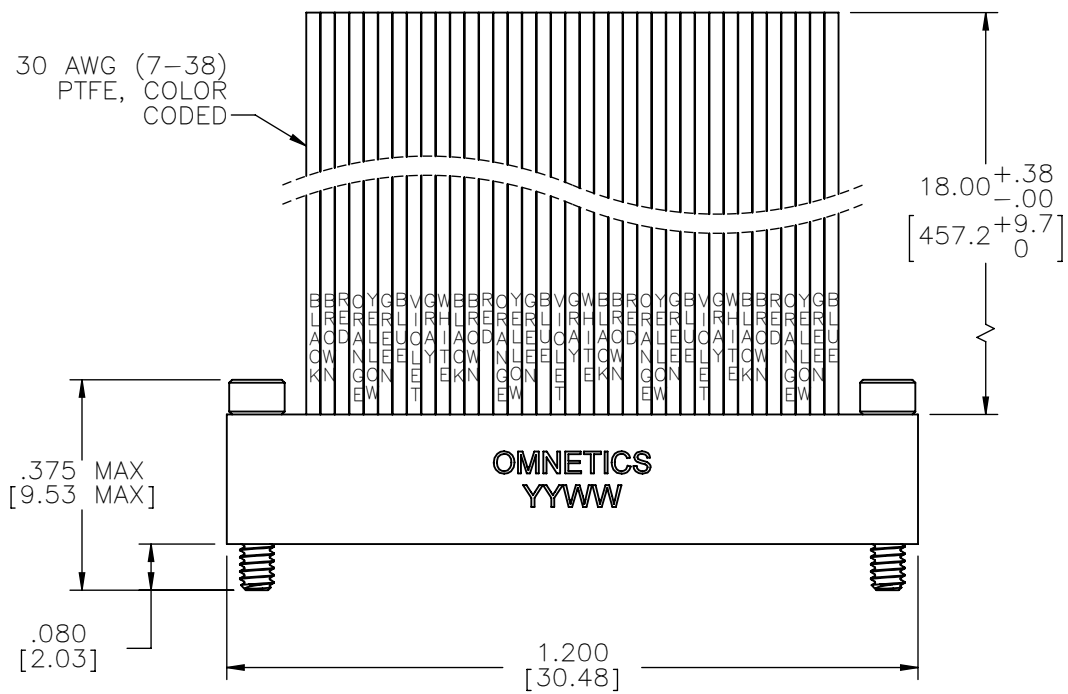
CONTACT:
COPPER ALLOY PER
MIL-DTL-32139,
GOLD PLATE PER
ASTM B488, (HARD
GOLD) TYPE II CODE
C, CLASS 1.27

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

CURRENT RATING:
1 AMP MAX PER
MIL-DTL-32139

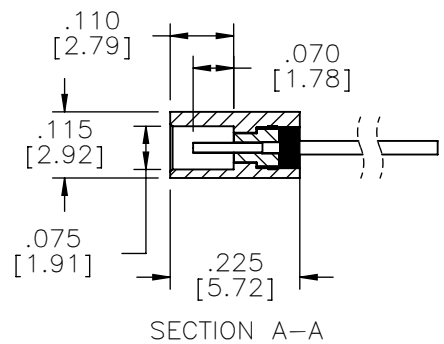
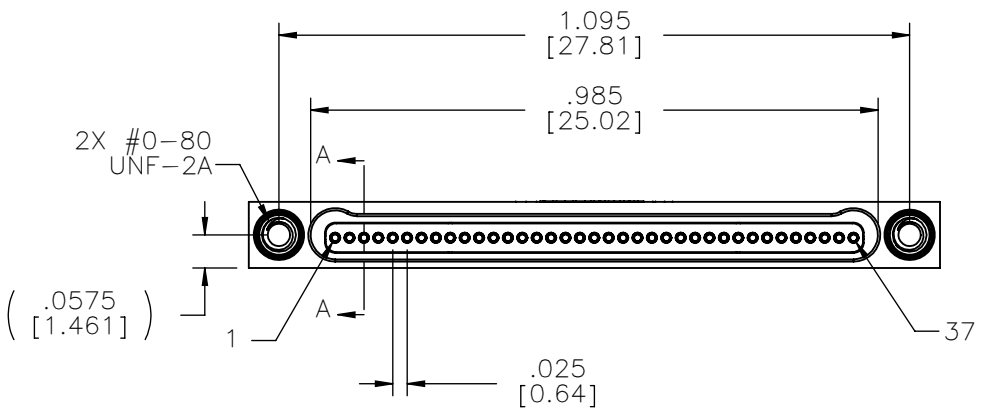
CONTACT RESISTANCE:
71 MILLIOHM MAX
(71mV DROP MAX) @
1.0 AMPS PER MIL-
DTL-32139

PERFORMANCE:
PRODUCT FAMILY
TESTED TO AND
PASSED THE
PERFORMANCE
SPECIFICATIONS OF
TABLE VIII OF MIL-
DTL-32139.



ACTUAL SIZE
EXCLUDING
WIRE LENGTH

SOCKET #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22, 32	BROWN
3, 13, 23, 33	RED
4, 14, 24, 34	ORANGE
5, 15, 25, 35	YELLOW
6, 16, 26, 36	GREEN
7, 17, 27, 37	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	WHITE



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

MBS 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. TLM	DATE 06-09-08
CHK'D.	DATE
APP'D.	DATE

TITLE:
(37) SOCKET FEMALE
Bi-Lobe® CONNECTOR

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

CAGE CODE 61873
DWG NO. A55000-137
SHEET 1 OF 1
SCALE: 3:1
REV C