

MATERIALS & SPECIFICATIONS

INSULATOR
THERMOPLASTIC PER ASTM
D5138

CONTACT MATERIAL
PINS — BERYLLIUM
COPPER PER ASTM B194,
ALLOY C17200
SOCKET — COPPER ALLOY
PER MIL-DTL-32139

CONTACT FINISH
GOLD PLATE PER ASTM
B488, TYPE II (HARD
GOLD), CODE C, CLASS
1.27

WIRE
32 AWG, 7 STRAND, TYPE
ET PER NEMA HP3

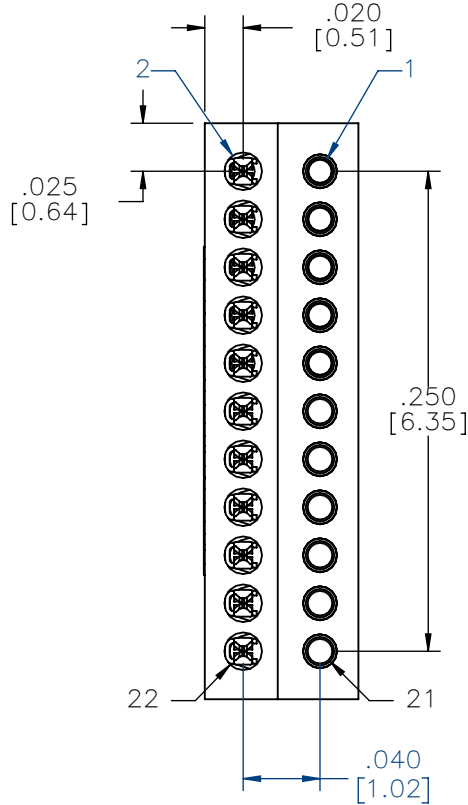
CURRENT RATING
1 AMP MAX PER MIL-
DTL-32139

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

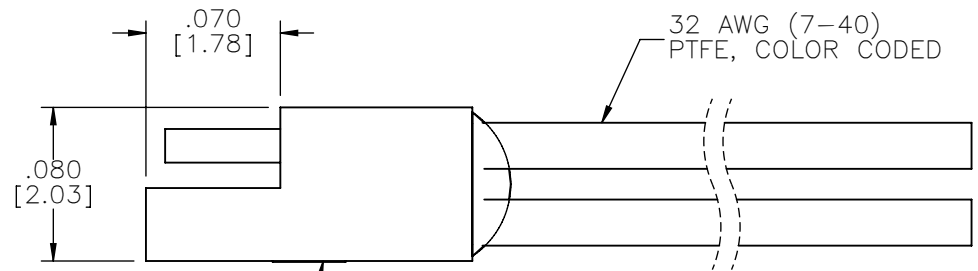
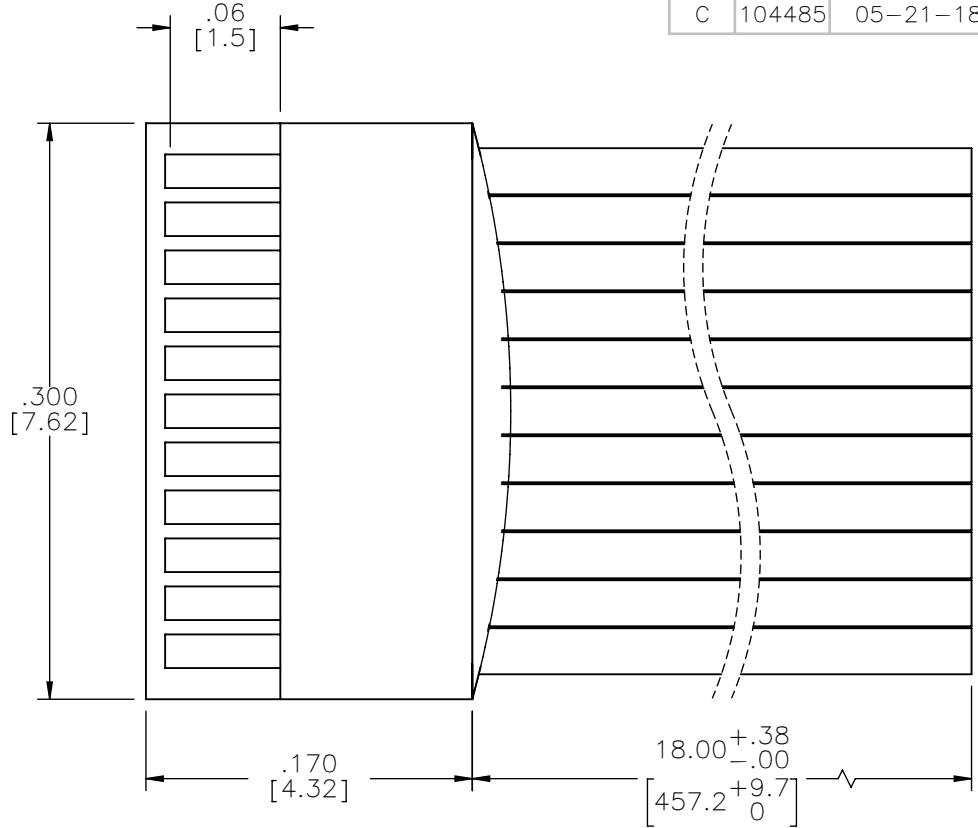


ACTUAL SIZE
EXCLUDING WIRE
LENGTH



CONTACT #	COLOR
1, 11, 21	BLACK
2, 12, 22	BROWN
3, 13	RED
4, 14	ORANGE
5, 15	YELLOW
6, 16	GREEN
7, 17	BLUE
8, 18	VIOLET
9, 19	GRAY
10, 20	WHITE

INTERNAL USE ONLY
SHEET 2 OF 2 IS
MANUFACTURING
LOADING DIAGRAM



DATECODE MARKING
"YYWW" THIS SIDE

RoHS

NOTE:

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

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

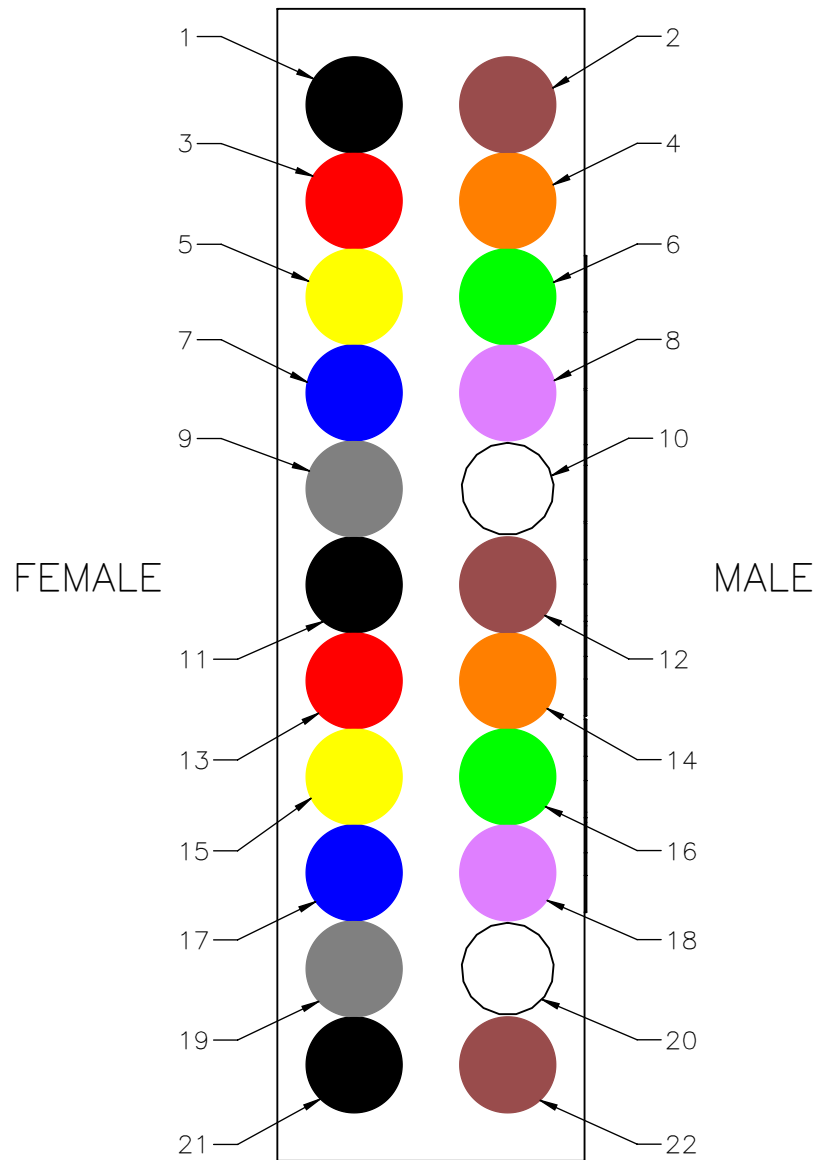
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DFTM. MJM	DATE 04-12-13
CHK'D.	DATE
APP'D.	DATE

TITLE:
(22) CONTACT POLARIZED
MALE/FEMALE
NANO CONNECTOR

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

CAGE CODE 61873	DWG NO. A79645-001
SHEET 1 OF 2	REV C
SCALE: 10:1	

PART NO.	A79645-001	REV	ECO	DATE	APP
		C	104485	05-21-18	TLM



CONTACT #	COLOR
1, 11, 21	BLACK
2, 12, 22	BROWN
3, 13	RED
4, 14	ORANGE
5, 15	YELLOW
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7, 17	BLUE
8, 18	VIOLET
9, 19	GRAY
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RoHS

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

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DATE
04-12-13
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MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE **61873**
DWG NO. **A79645-001**
SHEET 2 OF 2
SCALE: 20:1
REV
C