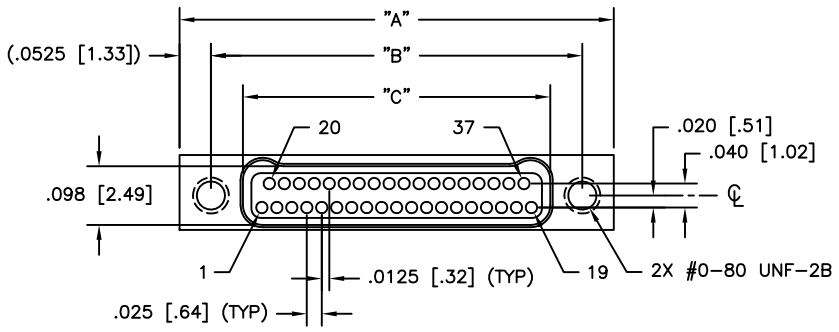
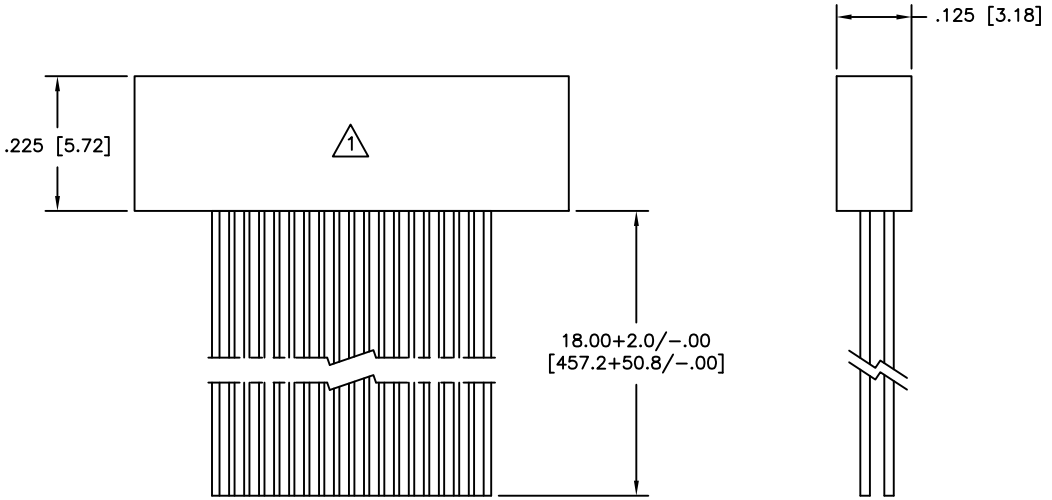
PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY
–	–	02/17/11	UMI4304	T.POMBART	PER
–	A	04/12/17	UMI6312	T.POMBART	PER





WIRING COLOR CODE

1, 11, 21, 31, 41, 51, 61	BLACK
2, 12, 22, 32, 42, 52, 62	BROWN
3, 13, 23, 33, 43, 53, 63	RED
4, 14, 24, 34, 44, 54, 64	ORANGE
5, 15, 25, 35, 45, 55, 65	YELLOW
6, 16, 26, 36, 46, 56	GREEN
7, 17, 27, 37, 47, 57	BLUE
8, 18, 28, 38, 48, 58	VIOLET
9, 19, 29, 39, 49, 59	GRAY
10, 20, 30, 40, 50, 60	WHITE

WIRE DIAGRAM REPRESENTS
LARGEST SIZE IN PART NO. TABLE

PART NO.	SIZE	"A"	"B"	"C"
833411627	9	.375 [9.52]	.270 [6.86]	.163 [4.14]
833421627	15	.450 [11.43]	.345 [8.76]	.238 [6.04]
833431627	21	.525 [13.33]	.420 [10.67]	.313 [7.95]
833441627	25	.575 [14.60]	.470 [11.94]	.363 [9.22]
833451627	31	.650 [16.51]	.545 [13.84]	.438 [11.12]
833461627	37	.725 [18.41]	.620 [15.75]	.513 [13.03]
833471627	51	.900 [22.86]	.795 [20.19]	.688 [17.47]
833481627	65	1.075 [27.30]	.970 [24.64]	.863 [21.92]

3. PERFORMANCE: MEETS OR EXCEEDS M32139 PERFORMANCE SPECIFICATIONS
CONTACT RATING: 1 AMPERE MAXIMUM
DWV: 250 VAC
INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM @ 100 VDC
CONTACT RESISTANCE: 0.071 VOLT MAXIMUM DROP @ 1.0 AMPS (.071 OHMS) W/6.00" OF WIRE LISTED BELOW, PER MIL-DTL-32139

2. MATERIALS: SHELL: ALUMINUM 6061-T6, ELECTROLESS NICKEL PLATED PER AMS2404
INSULATOR: LCP (LIQUID CRYSTAL POLYMER) GLCP-30F
CONTACT: BRASS ALLOY 735, GOLD PLATED PER ASTM B488
LEADS: 30 AWG, NEMA HP3, TYPE ET, COLOR CODED PER MIL-DTL-681, SYSTEM 1, EXCEPT USING 10 SOLID REPEATING COLORS

1. MARKINGS: UMI, DATE CODE, UMI P/N AS SPACE PERMITS OTHERWISE ON BAG OR TAG

NOTES: UNLESS OTHERWISE SPECIFIED

QUALITY SYMBOLS
MAJOR ▼=
CRITICAL ⓒ=
SPC Ⓢ=

UNLESS SPECIFIED:
ALL DIMENSIONS IN INCHES
GENERAL TOLERANCES:
3 PLACE ±.005
2 PLACE ±.010
ANGULAR ±2°

Ulti-Mate CAGE CODE
58967

SCALE 5:1	DWG SIZE B	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
DRAWN BY & DATE UMI 03-09-10		TITLE: NANO-D DUAL ROW CONNECTOR FEMALE, SIZE XX, NMLXX-2S07-30F6-18.0 S01	
CHECKED BY & DATE SEE ECN		MATERIAL: 2	Ulti-Mate Connector Inc.
APPROVED BY & DATE SEE ECN			
CAD FILENAME SD-833461627.DWG	PART NO. SEE "TAB BLOCK"	DRAWING NO. SD-833461627	SHEET NO. 1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

REV –