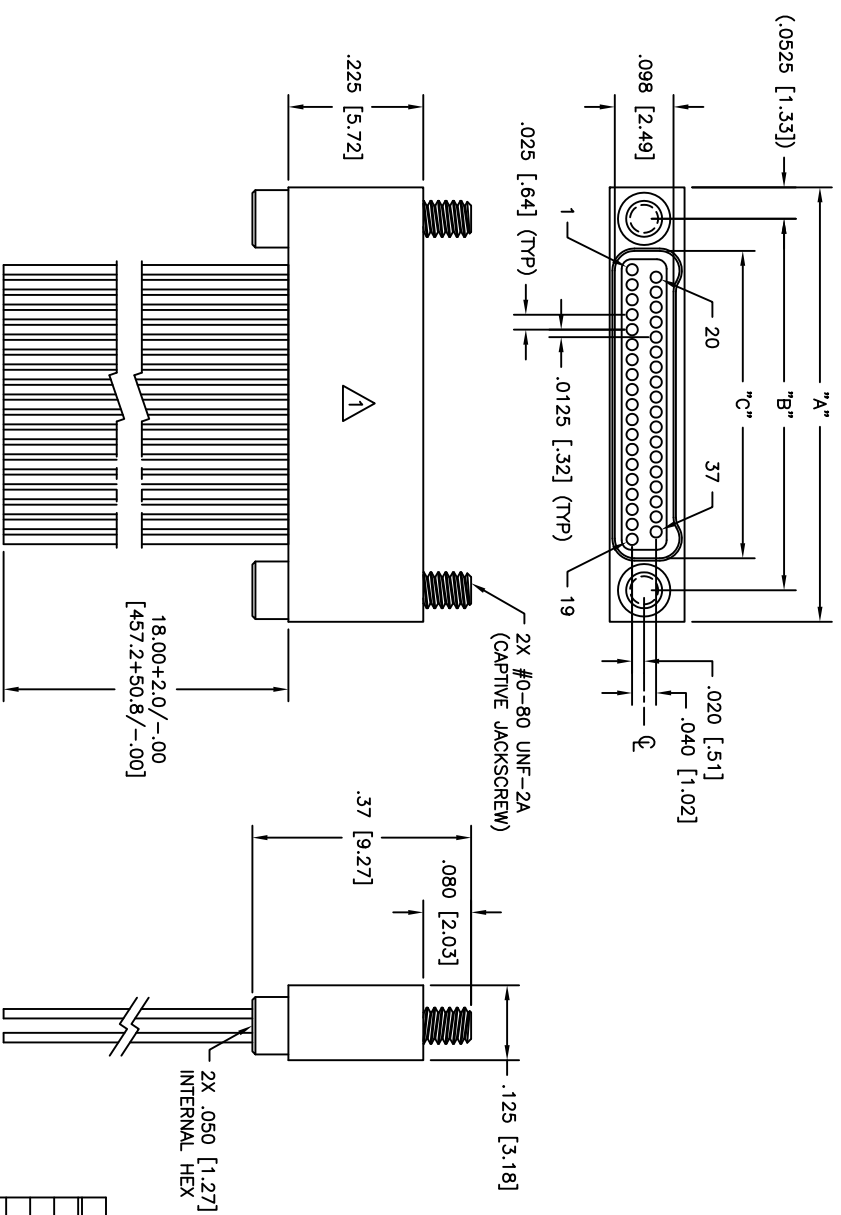


PART DWG REV ISSUE	DATE	ECN NO.	APPD BY	REL BY
-	02/17/11	UM4304	T.POMBERT	PER

WIRING COLOR CODE

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



3. PERFORMANCE: MEETS OR EXCEEDS M32139 PERFORMANCE SPECIFICATIONS

CONTACT RATING: 1 AMPERE MAXIMUM
 DMV: 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

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
 HARDWARE: 303 STAINLESS PER ASTM 582

MARKINGS: UMI, DATE CODE, UMI P/N AS SPACE PERMITS OTHERWISE ON BAG OR TAG
NOTES: UNLESS OTHERWISE SPECIFIED

PART NO.	SIZE	"A"	"B"	"C"
833411622	9	.375 [9.52]	.270 [6.86]	.163 [4.14]
833421622	15	.450 [11.43]	.345 [8.76]	.238 [6.04]
833431622	21	.525 [13.33]	.420 [10.67]	.313 [7.95]
833441622	25	.575 [14.60]	.470 [11.94]	.363 [9.22]
833451622	31	.650 [16.51]	.545 [13.84]	.438 [11.12]
833461622	37	.725 [18.41]	.620 [15.75]	.513 [13.03]
833471622	51	.900 [22.86]	.795 [20.19]	.688 [17.47]
833481622	65	1.075 [27.30]	.970 [24.64]	.863 [21.92]

QUALITY SYMBOLS	UNLESS SPECIFIED, ALL DIMENSIONS IN INCHES	SCALE	DWG SIZE	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
MAJOR =	GENERAL TOLERANCES:	DRAWN BY & DATE	B		
CRITICAL =	3 PLACE ±.005	UMI	03-09-10	TITLE:	NANO-D DUAL ROW CONNECTOR
C =	2 PLACE ±.010	CHECKED BY & DATE		FEMALE, SIZE XX, NMLXX-2S02-30F6-18.0 S01	
SPC =	ANGULAR ±2°	APPROVED BY & DATE		MATERIAL:	
		SEE ECN			
		CAD FILENAME	SD-8334461622.DWG	PART NO.	DRAWING NO.
				SEE "TAB BLOCK"	SD-833461622
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE		SHEET NO. 1 OF 1	
		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		REV -	
		Uti-Mate	58967	Connector Inc.	