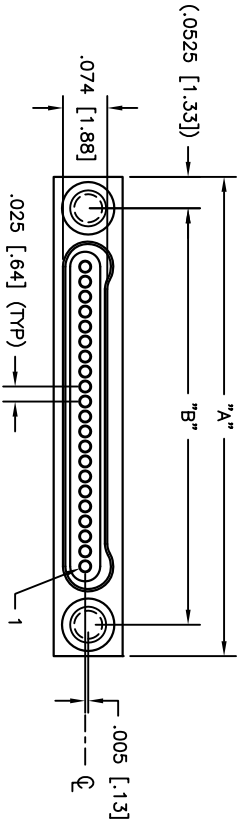
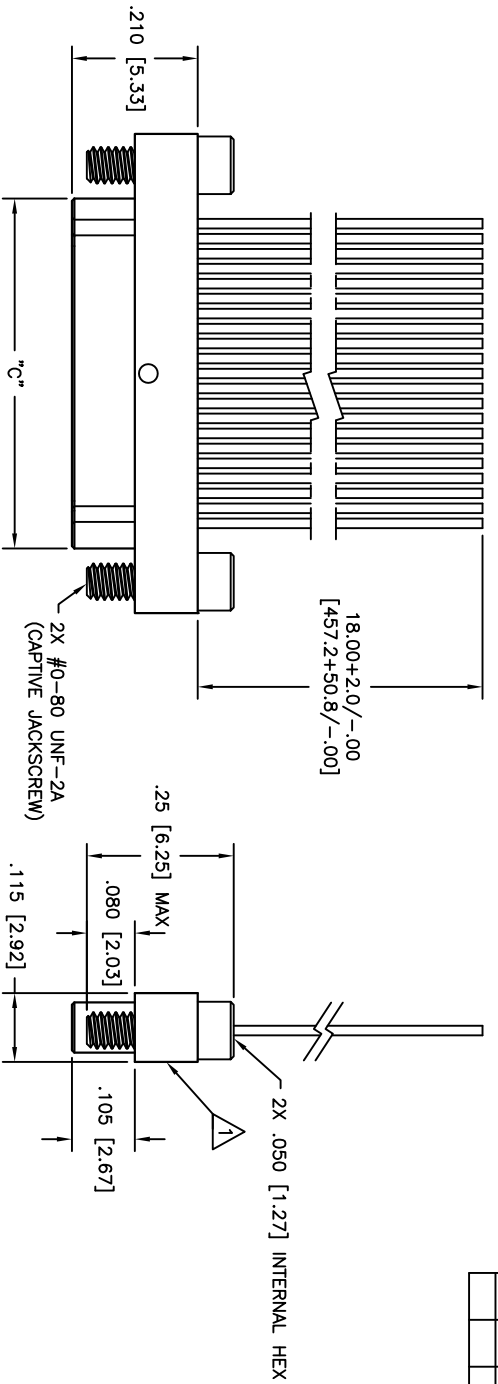


PART DWG REV ISSUE	DATE	ECN NO.	APP'D BY	REL BY
-	02/17/11	UMI4305	T.POMBERT	PER

WIRING COLOR CODE

- 1, 11, 21 — BLACK
- 2, 12 — 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



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

2. MATERIALS: SHELL: ALUMINUM 6061-T6, ELECTROLESS NICKEL PLATED PER AMS2404
 INSULATOR: LCP (LIQUID CRYSTAL POLYMER) GLCP-30F
 CONTACT: BERYLLIUM COPPER PER ASTM B194, 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

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

PART NO.	SIZE	"A"	"B"	"C"
833111622	9	.500 [12.70]	.395 [10.03]	.284 [7.21]
833121622	15	.650 [16.51]	.545 [13.84]	.434 [11.02]
833131622	21	.800 [20.32]	.695 [17.65]	.584 [14.83]
833141622	29	.900 [22.86]	.795 [20.19]	.684 [17.37]
833151622	31	1.050 [26.67]	.945 [24.00]	.834 [21.18]
833161622	37	1.200 [30.48]	1.095 [27.81]	.984 [24.99]
833171622	51	1.550 [39.37]	1.445 [36.70]	1.334 [33.88]

QUALITY SYMBOLS	UNLESS SPECIFIED, ALL DIMENSIONS IN INCHES	SCALE	DWG SIZE	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
MAJOR =	GENERAL TOLERANCES:	5:1	B		
CRITICAL =	3 PLACE ±.005	DRAWN BY & DATE	UML 03-09-10	TITLE:	NANO-D SINGLE ROW CONNECTOR
	2 PLACE ±.010	CHECKED BY & DATE		MALE, SIZE XX, NMLXX-1P02-30F6-18.0 S01	
	ANGULAR ±2°	SEE ECN		MATERIAL:	
SPC SYMBOLS		APPROVED BY & DATE			
		SEE ECN			
		CAD FILENAME		PART NO.	DRAWING NO.
		Uti+Date CAGE CODE		SD-833131622.DWG	SD-833131622
		58967		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO UTI+DATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
				SHEET NO.	1 OF 1
				REV	