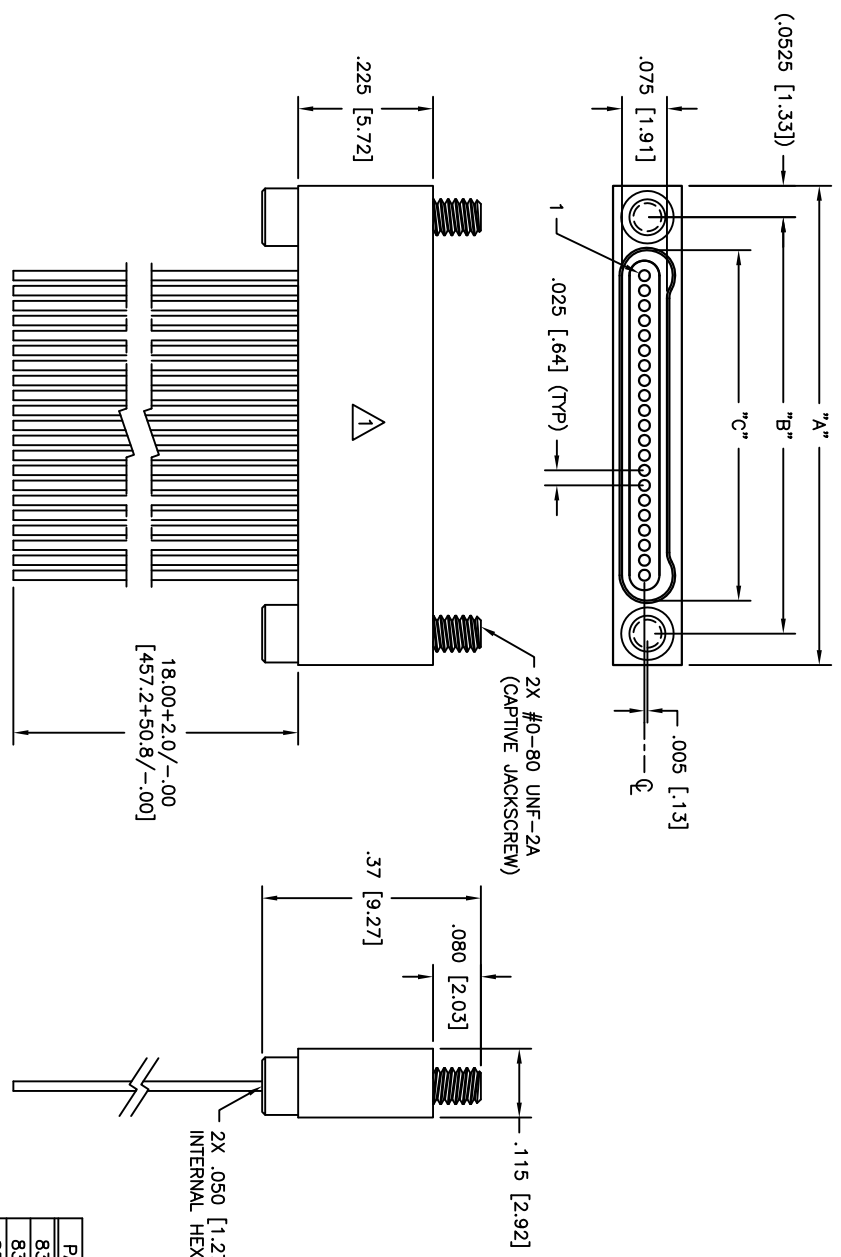


PART DWG REV ISSUE	DATE	ECN NO.	APPD BY	REL BY
-	02/17/11	UMI4305	TPOBART	PER

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: 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

1. 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"
833211622	9	.500 [12.70]	.395 [10.03]	.285 [7.24]
833221622	15	.650 [16.51]	.545 [13.84]	.435 [11.05]
833231622	21	.800 [20.32]	.695 [17.65]	.585 [14.86]
833241622	25	.900 [22.86]	.795 [20.19]	.685 [17.40]
833251622	31	1.050 [26.67]	.945 [24.00]	.835 [21.21]
833261622	37	1.200 [30.48]	1.095 [27.81]	.985 [25.02]
833271622	51	1.550 [39.37]	1.445 [36.70]	1.335 [33.91]

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	TITLE:	NANO-D SINGLE ROW CONNECTOR
CRITICAL =	3 PLACE ±.005	CHECKED BY & DATE	UMI 03-09-10	FEMALE, SIZE XX, NMLXX-1502-30F6-18.0 S01	
C =	2 PLACE ±.010	APPROVED BY & DATE		MATERIAL:	
S =	ANGULAR ±2°	SEE ECN			
SPC	UTII-Mate CASE CODE	CAD FILENAME	SD-833231622.DWG	PART NO.	DRAWING NO.
58967	58967	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE	INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SD-833231622	SD-833231622
				SHEET NO.	1 OF 1
				REV	