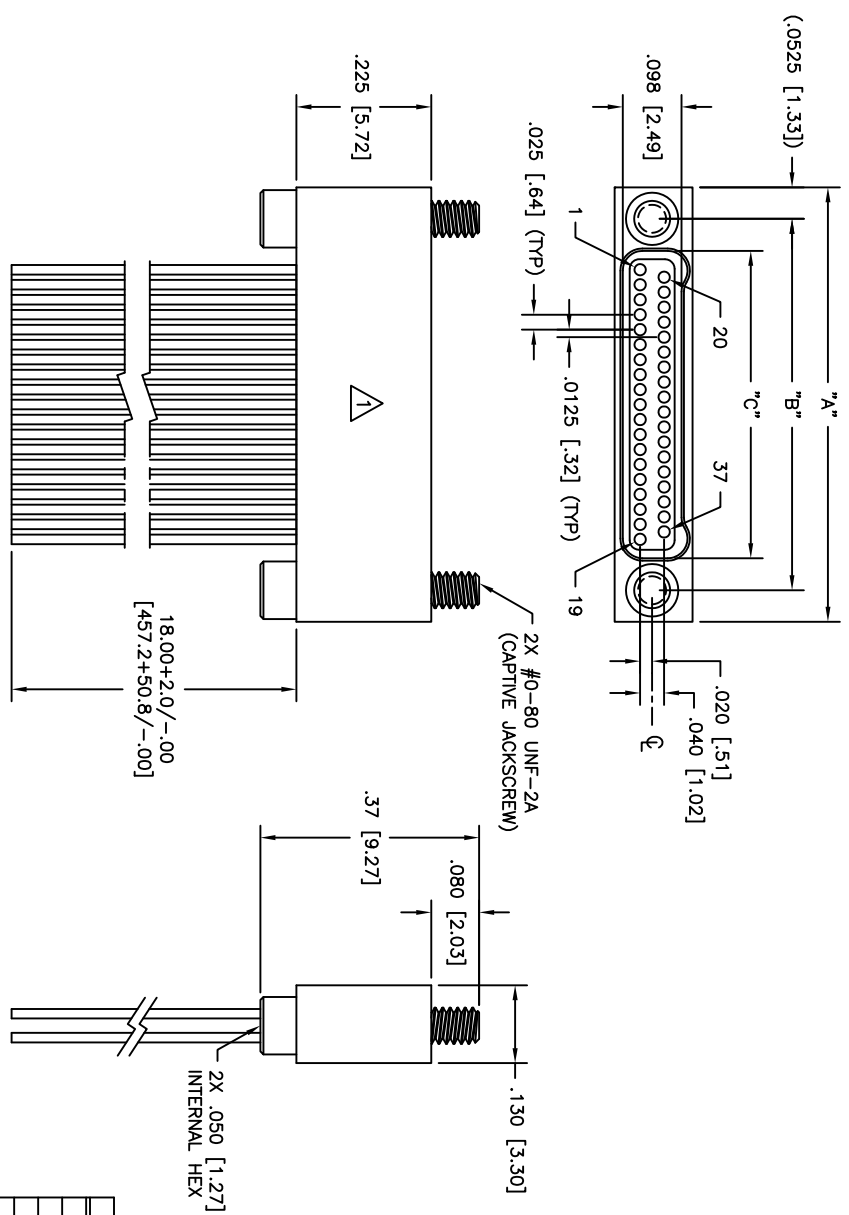


PART/DWG REV ISSUE	DATE	ECN NO.	APP'D BY	REL BY
-	02/17/11	UMI4305	T.POMBERT	PER

WIRING COLOR CODE

1, 11, 21, 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



PART NO.	SIZE	"A"	"B"	"C"
833418622	9	.375 [9.52]	.270 [6.86]	.163 [4.14]
833428622	15	.450 [11.43]	.345 [8.76]	.238 [6.04]
833438622	21	.525 [13.33]	.420 [10.67]	.313 [7.95]
833448622	25	.575 [14.60]	.470 [11.94]	.363 [9.22]
833458622	31	.650 [16.51]	.545 [13.84]	.438 [11.12]
833468622	37	.725 [18.41]	.620 [15.75]	.513 [13.03]
833478622	51	.900 [22.86]	.795 [20.19]	.688 [17.47]
833488622	65	1.075 [27.30]	.970 [24.64]	.863 [21.92]

3. PERFORMANCE: MEETS OR EXCEEDS M52139 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 & 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

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 C/ =	3 PLACE ±.005	CHECKED BY & DATE	UMI 03-09-10	TITLE:	NANO-D DUAL ROW CONNECTOR
SPC S/ =	2 PLACE ±.010	APPROVED BY & DATE		FEMALE, SIZE XX, NPLXX-2S02-30F6-18.0 S01	
	ANGULAR ±2°	SEE ECN		MATERIAL:	
		CAD FILENAME			
		SD-8334468622.DWG		PART NO.	DRAWING NO.
		Uti+ -MATE CAGE CODE		SD-833468622	SD-833468622
		58967		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO UTTI-MATE	SHEET NO.
				INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	1 OF 1
					REV