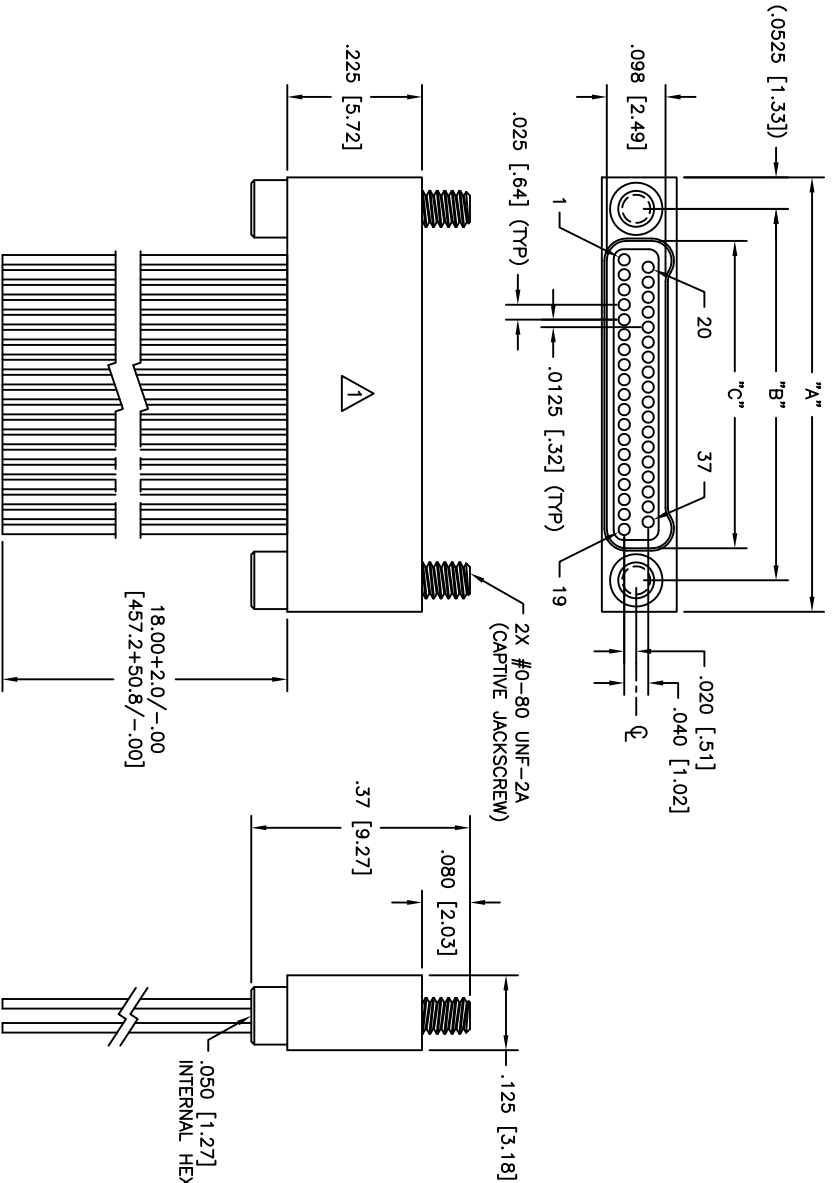


PART DWG REV ISSUE	DATE	ECN NO.	APPD BY	REL BY
-	01/12/16	UMBS49	TPOWBART	PER

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"
43341622	9	.375 [9.52]	.270 [6.86]	.163 [4.14]
433421622	15	.450 [11.43]	.345 [8.76]	.238 [6.04]
433431622	21	.525 [13.33]	.420 [10.67]	.313 [7.95]
433441622	25	.575 [14.60]	.470 [11.94]	.363 [9.22]
433451622	31	.650 [16.51]	.545 [13.84]	.438 [11.12]
433461622	37	.725 [18.41]	.620 [15.75]	.513 [13.03]
433471622	51	.900 [22.86]	.795 [20.19]	.688 [17.47]
433481622	65	1.075 [27.30]	.970 [24.64]	.863 [21.92]

3. PERFORMANCE: MEETS OR EXCEEDS M52139 PERFORMANCE SPECIFICATIONS
 CONTACT RATING: 1 AMPERE MAXIMUM AMBIENT TEMPERATURE
 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 AWS2404
 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
 EPOXY: 200° CELSIUS

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 2 PLACE ±.010 ANGULAR ±2°	CHECKED BY & DATE	UML 03-09-10	TITLE:	NANO-D DUAL ROW CONNECTOR, FEMALE, SIZE XX, NMLXX-2S02-30F6-18.0 S01 HT
SPC S/ =	UT++-MATE CAGE CODE 58967	APPROVED BY & DATE		MATERIAL:	
		SEE ECN			
		CAD FILENAME	SD-4334461622.DWG	PART NO.	DRAWING NO.
				SD-433461622	SD-433461622
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO UTTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			
				SHEET NO.	1 OF 1
				REV	-