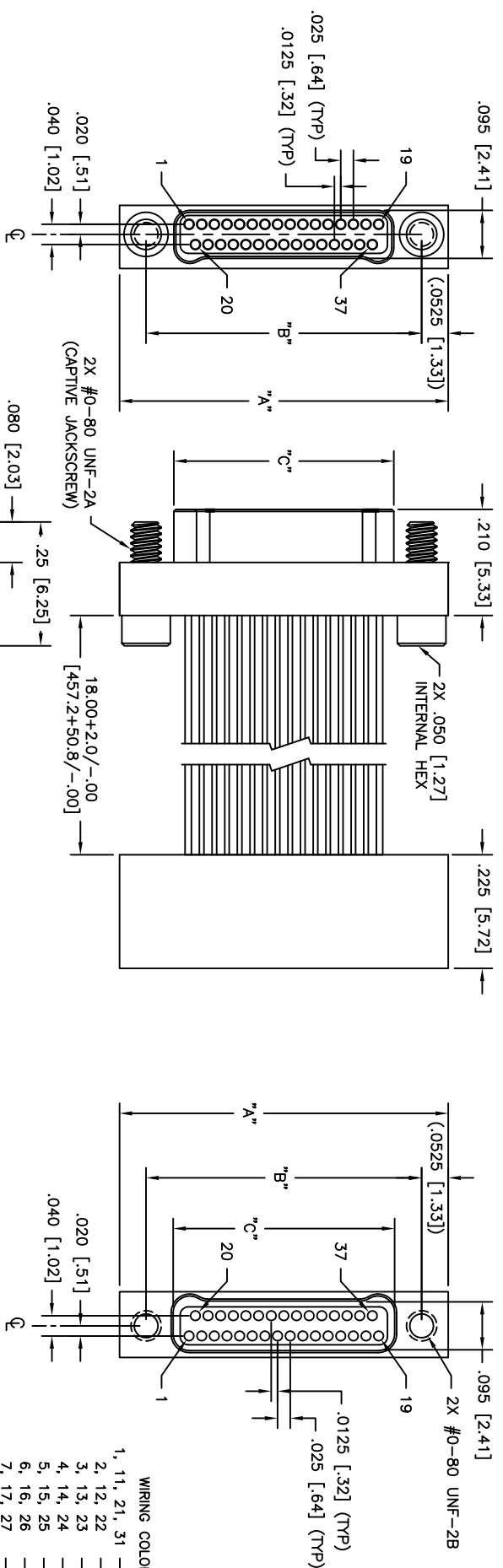


PART DWG	DATE	ECN NO.	APPD BY	REL BY
REV ISSUE	02/17/11	UM4305	TPOWERART	PER



- WIRING COLOR CODE
- 1, 11, 21, 31 — BLACK
  - 2, 12, 22 — BROWN
  - 3, 13, 23 — RED
  - 4, 14, 24 — ORANGE
  - 5, 15, 25 — YELLOW
  - 6, 16, 26 — GREEN
  - 7, 17, 27 — BLUE
  - 8, 18, 28 — VIOLET
  - 9, 19, 29 — GRAY
  - 10, 20, 30 — WHITE

PART NO.	SIZE	"A"	"B"	PLUG	"C"	RECEPTANCE
833018622	9	.375 [9.52]	.270 [6.86]	.160 [4.06]	.163 [4.14]	
833028622	15	.450 [11.43]	.345 [8.76]	.235 [5.97]	.238 [6.04]	
833038622	21	.525 [13.33]	.420 [10.67]	.310 [7.87]	.313 [7.95]	
833048622	25	.575 [14.60]	.470 [11.94]	.360 [9.14]	.363 [9.22]	
833058622	31	.650 [16.51]	.545 [13.84]	.435 [11.05]	.438 [11.12]	
833068622	37	.725 [18.41]	.620 [15.75]	.510 [12.95]	.513 [13.03]	
833078622	51	.900 [22.86]	.795 [20.19]	.685 [17.40]	.688 [17.47]	
833088622	65	1.075 [27.30]	.970 [24.64]	.860 [21.84]	.863 [21.92]	

4. WIRE PIN 1 TO SOCKET 1, PIN 2 TO 2, 3 TO 3, ETC.
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 AND INSULATOR: LCP (LIQUID CRYSTAL POLYMER) GLCP-30F  
 PIN CONTACT: BERYLLIUM COPPER PER ASTM B194, GOLD PLATED PER ASTM B488  
 SOCKET 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 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:	5:1	B		
CRITICAL =	3 PLACE ±.005	DRAWN BY & DATE	12-08-11	TITLE:	NANO-D DUAL ROW CONNECTOR, MALE/FEMALE.
C =	2 PLACE ±.010	CHECKED BY & DATE		SIZE XX, NPLXX-2P02/NPLXX-2S07-30F6-18.0-501	
	ANGULAR ±2°	APPROVED BY & DATE		MATERIAL:	
		SEE ECN			
SPC =		CAD FILENAME	SD-833068622.DWG	PART NO.	DRAWING NO.
		Utit-Mate CASE CODE	58967	SD-833068622	SD-833068622
				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