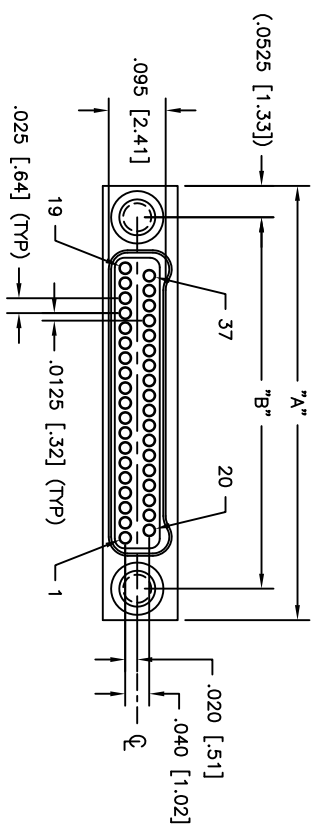
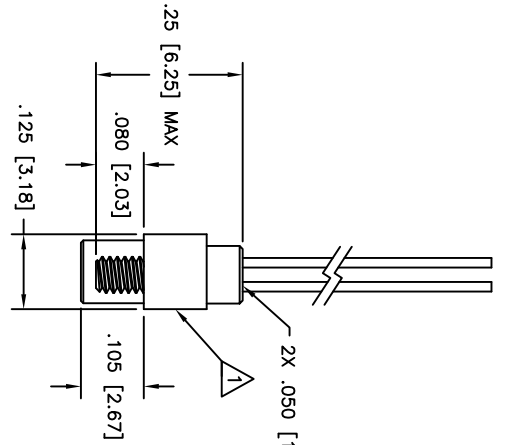
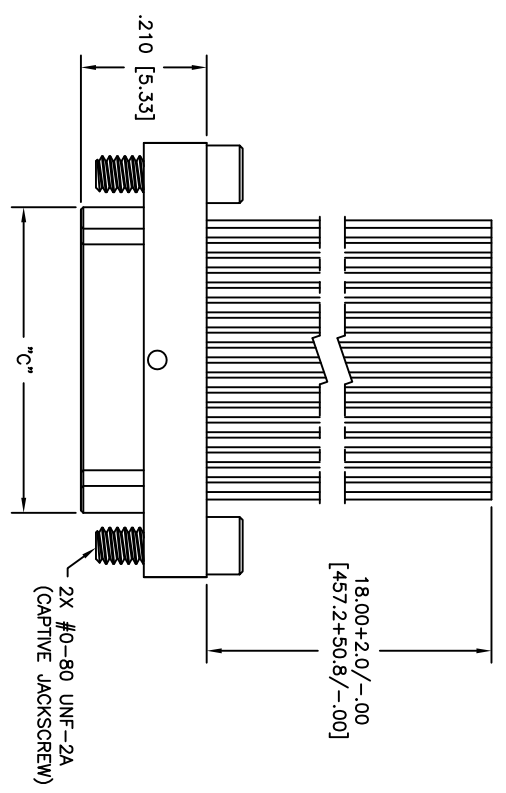


PART DWG REV ISSUE	DATE	ECN NO.	APPD BY	REL BY
-	02/18/16	UMIS988	T-POWERART	PER

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"
833311222	9	.375 [9.52]	.270 [6.86]	.160 [4.06]
833321222	15	.450 [11.43]	.345 [8.76]	.235 [5.97]
833331222	21	.525 [13.33]	.420 [10.67]	.310 [7.87]
833341222	25	.575 [14.60]	.470 [11.94]	.360 [9.14]
833351222	31	.650 [16.51]	.545 [13.84]	.435 [11.05]
833361222	37	.725 [18.41]	.620 [15.75]	.510 [12.95]
833371222	51	.900 [22.86]	.795 [20.19]	.685 [17.40]
833381222	65	1.075 [27.30]	.970 [24.64]	.860 [21.84]

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, SAE-AS22759/33, COLOR CODED PER MIL-DTL-681, SYSTEM 1,
 EXCEPT USING 10 SOLID REPEATING COLORS
 HARDWARE: 303 STAINLESS PER ASTM 582

1. MARKINGS: UMI, UMI P/N, DATE CODE & W/O NO. AS SPACE PERMITS OTHERWISE ON BAG OR TAG
 NOTES: UNLESS OTHERWISE SPECIFIED

QUALITY SYMBOLS	UNLESS SPECIFIED:	SCALE	DWG SIZE	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
MAJOR =	ALL DIMENSIONS IN INCHES	5:1	B		
CRITICAL =	GENERAL TOLERANCES:	DRAWN BY & DATE	02-16-16	TITLE	NANO-D DUAL ROW CONNECTOR
C =	3 PLACE ±.005	CHECKED BY & DATE		CHECKED BY & DATE	MALE, SIZE XX, NMLXX-2P02-30Y6-18.0 S01
	2 PLACE ±.010	APPROVED BY & DATE		SEE ECN	MATERIAL:
	ANGULAR ±2°	SEE ECN		CAD FILENAME	
SPC SYMBOLS	U++-MATE CASE CODE	58967		PART NO.	DRAWING NO.
				SD-833361222.DWG	SD-833361222
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
				SHEET NO.	1 OF 1
				REV	