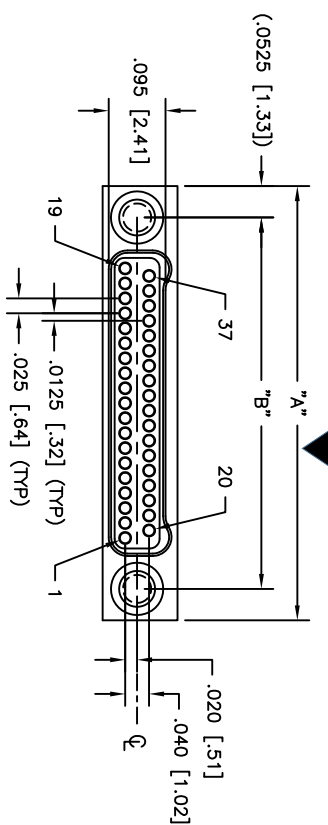
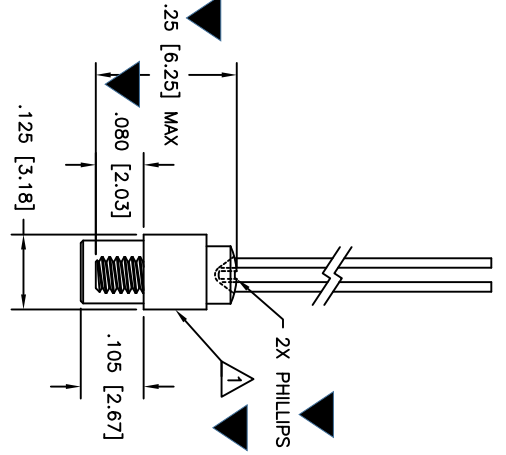
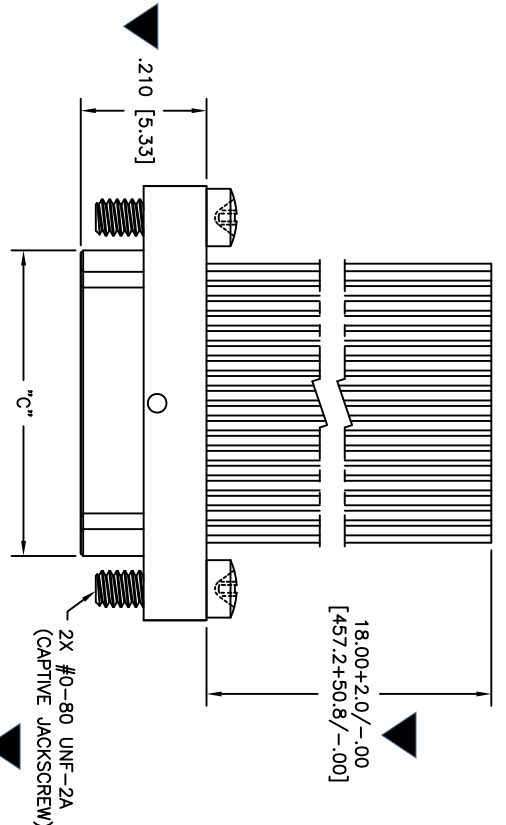


PART DWG REV ISSUE	DATE	ECN NO.	APP'D BY	REL BY
-	07/17/15	UMIS680	T-POWERART	PER

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"
833318621	9	.375 [9.52]	.270 [6.86]	.160 [4.06]
833328621	15	.450 [11.43]	.345 [8.76]	.235 [5.97]
833338621	21	.525 [13.33]	.420 [10.67]	.310 [7.87]
833348621	25	.575 [14.60]	.470 [11.94]	.360 [9.14]
833358621	31	.650 [16.51]	.545 [13.84]	.435 [11.05]
833368621	37	.725 [18.41]	.620 [15.75]	.510 [12.95]
833378621	51	.900 [22.86]	.795 [20.19]	.685 [17.40]
833388621	65	1.075 [27.30]	.970 [24.64]	.860 [21.84]

3. PERFORMANCE: MEETS OR EXCEEDS M332139 PERFORMANCE SPECIFICATIONS
 CONTACT RATING: 1 AMPERE MAXIMUM
 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 AND INSULATOR: LCP (LIQUID CRYSTAL POLYMER) GLCP-30F
 CONTACT: BERYLLIUM COPPER PER ASTM B194, 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 MAJOR SYMBOLS	UNLESS SPECIFIED, ALL DIMENSIONS IN INCHES	SCALE 5:1	DWG SIZE B	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
CRITICAL SYMBOLS	GENERAL TOLERANCES: 3 PLACE ±.005 2 PLACE ±.010 ANGULAR ±2°	DRAWN BY & DATE PER 07-17-15	TITLE: NANO-D DUAL ROW, PLASTIC CONNECTOR MALE, SIZE XX, NPLXX-2P01-30F6-18.0	SEE ECN	MATERIAL: Uti-Mat Connector Inc.
SPC SYMBOLS	Uti-Mate CAGE CODE 58967	CHECKED BY & DATE	CAD FILENAME SD-833368621.DWG	SEE "TAB BLOCK"	DRAWING NO. SD-833368621
		APPROVED BY & DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO UTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		
		SEE ECN			SHEET NO. 1 OF 1
					REV -