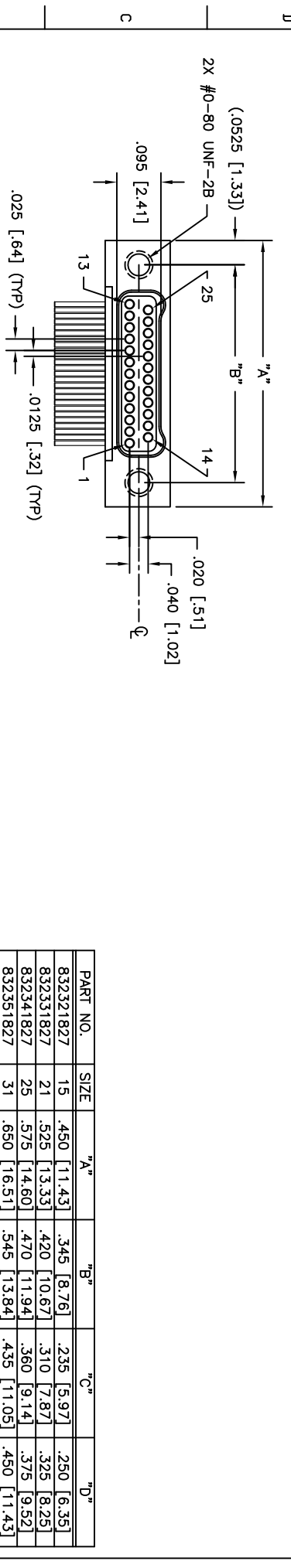
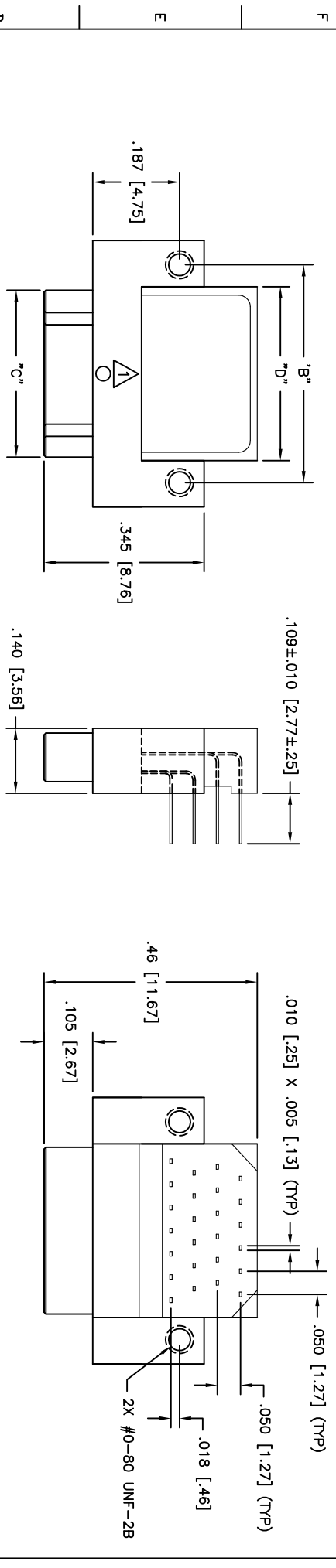


	10	9	8	7	6	5	4	3	2
	PART DWG	DATE	ECN NO.	APP'D BY	REL BY				
	REV ISSUE	07/08/19	UM7201	TPOWBART	PER				
	A	A							



PART NO.	SIZE	"A"	"B"	"C"	"D"
832321827	15	.450 [11.43]	.345 [8.76]	.235 [5.97]	.250 [6.35]
832331827	21	.525 [13.33]	.420 [10.67]	.310 [7.87]	.325 [8.25]
832341827	25	.575 [14.60]	.470 [11.94]	.360 [9.14]	.375 [9.52]
832351827	31	.650 [16.51]	.545 [13.84]	.435 [11.05]	.450 [11.43]
832361827	37	.725 [18.41]	.620 [15.75]	.510 [12.95]	.525 [13.33]
832371827	51	.900 [22.86]	.795 [20.19]	.685 [17.40]	.700 [17.78]
832381827	65	1.075 [27.30]	.970 [24.64]	.860 [21.84]	.875 [22.22]

A PERFORMANCE: MANUFACTURED TO THE FOLLOWING M32139 PERFORMANCE SPECIFICATIONS
 CONTACT RATING: 1 AMPERE MAXIMUM AT AMBIENT TEMPERATURE
 DVM: 250 VAC
 INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM @ 100 VDC
 CONTACT RESISTANCE: 0.021 VOLT MAXIMUM DROP @ 1.0 AMPS (.021 OHMS)

B INTERMATEABILITY: INTERFACE DIMENSIONS PER MIL-DTL-32139

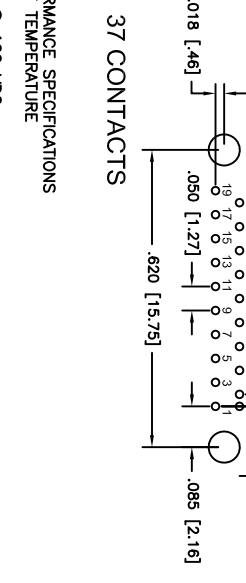
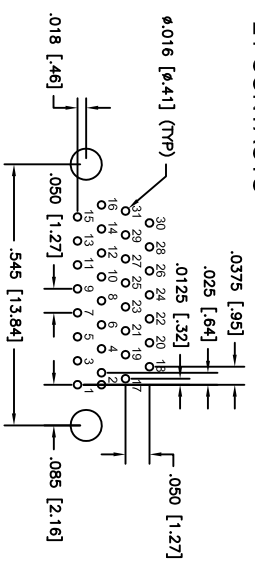
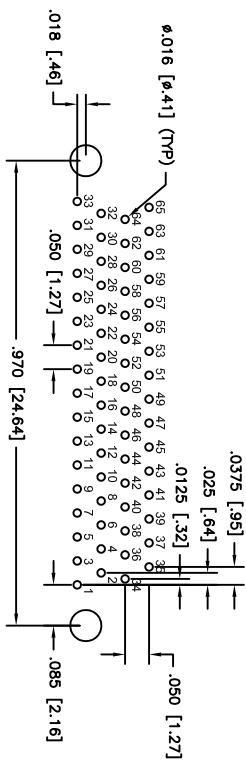
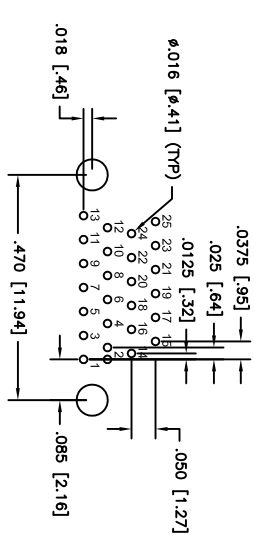
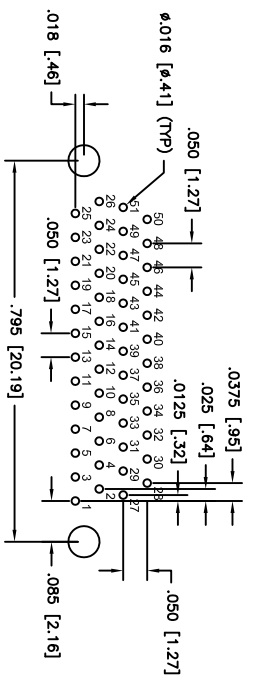
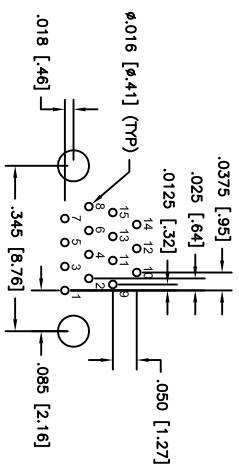
3. INTERMATEABILITY: INTERFACE DIMENSIONS PER MIL-DTL-32139

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
 BACKSHELL: PPS PER MIL-M-24519 GST-40F
 LEADS: GOLD PLATED

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

	QUALITY SYMBOLS								
SPC	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	DRAWN BY & DATE	TITLE	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	NANO-D DUAL ROW CONNECTOR	SD-832341827
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	MALE, SIZE XX, CNM8LXX-2P072-S01	SD-832341827
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	MATERIAL	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	THIRD ANGLE PROJECTION	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	REVISE ON CAD ONLY	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	SCALE	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	5:1	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	DRAWN BY & DATE	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	CHECKED BY & DATE	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	APPROVED BY & DATE	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	CAD FILENAME	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	SD-832341827.DWG	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTIMATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	58967	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	UTi-Mate	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	CONNECTOR INC.	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	SHEET NO.	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	1 OF 2	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	PART REV	DRAWING NO.
S	UNLESS SPECIFIED,	ALL DIMENSIONS IN INCHES	GENERAL TOLERANCES:	3 PLACE ±.005	2 PLACE ±.010	ANGULAR ±2°	UMI 03-09-15	A	DRAWING NO.

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



31 CONTACTS

21 CONTACTS

65 CONTACTS

PERFORMANCE: MANUFACTURED TO THE FOLLOWING M32139 PERFORMANCE SPECIFICATIONS
CONTACT RATING: 1 AMPERE MAXIMUM AT AMBIENT TEMPERATURE
DWM: 250 VAC
INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM @ 100 VDC
CONTACT RESISTANCE: 0.021 VOLT MAXIMUM DROP @ 1.0 AMPS (.021 OHMS)

INTERMATEABILITY: INTERFACE DIMENSIONS PER MIL-DTL-32139

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
BACKSHELL: PPS PER MIL-M-24519 CST-40F
LEADS: GOLD PLATED

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

PART/DWG REV ISSUE	DATE	ECN NO.	APP'D BY	REL BY
A	07/08/19	UMI7201	T-POWERART	PER

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	03-09-10	TITLE:	NANO-D DUAL ROW CONNECTOR
S =	2 PLACE ±.010	CHECKED BY & DATE		MATERIAL:	MALE, SIZE XX, CNMBLXX-2P072-S01
	ANGULAR ±.2°	APPROVED BY & DATE			
SPC		CAD FILENAME	SD-832341827.DWG	PART NO.	DRAWING NO.
				SEE "TAB BLOCK"	SD-832341827
		UTII-Mate CAGE CODE	58967		
					SHEET NO.
					2 OF 2
					PART REV
					A