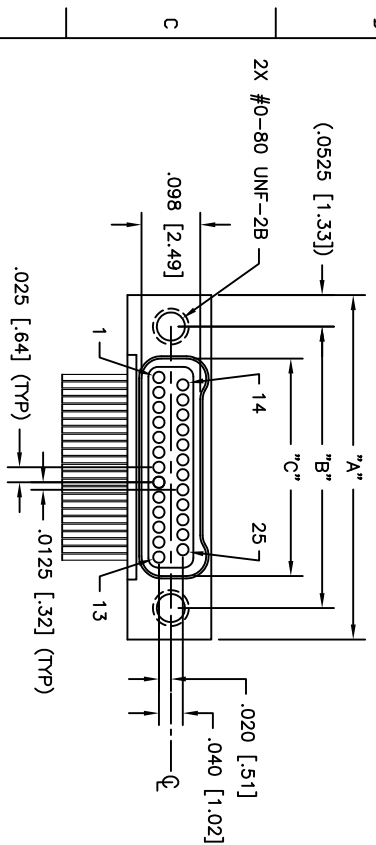
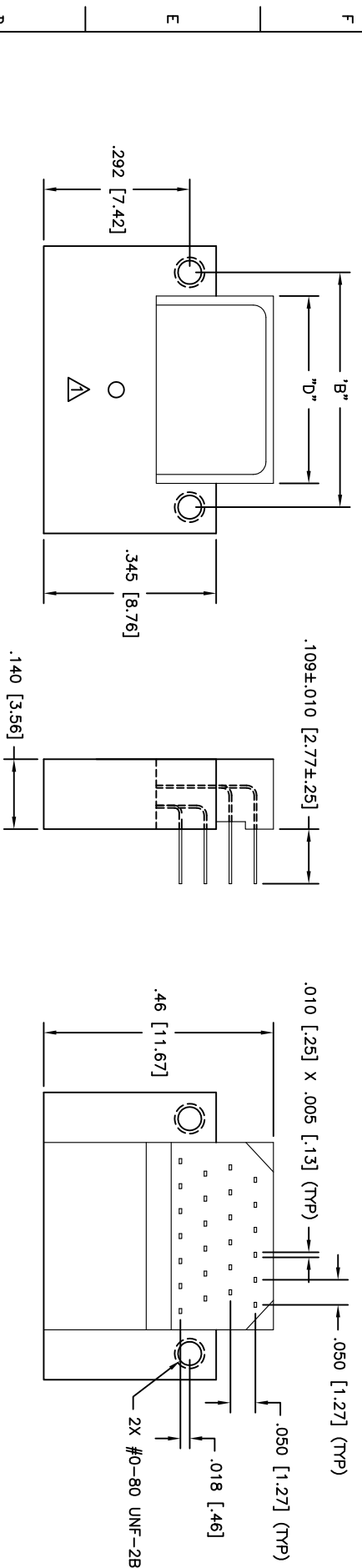


PART DWG REV	DWG ISSUE	DATE	ECN NO.	APPD BY	REL BY
-	-	02/17/11	UMI4306	T.POMBART	PER
A	A	07/08/19	UMI7201	T.POMBART	PER



**PERFORMANCE:** MANUFACTURED TO THE FOLLOWING M32139 PERFORMANCE SPECIFICATIONS  
**CONTACT RATING:** 1 AMPERE MAXIMUM AT AMBIENT TEMPERATURE  
**DWV:** 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 GST-40F  
 LEADS: SN/PB PLATED

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

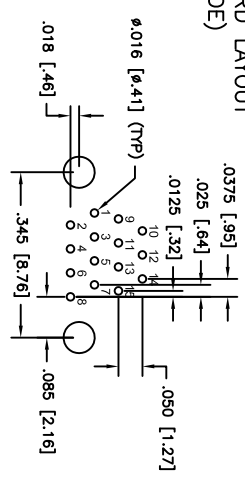
PART NO.	SIZE	"A"	"B"	"C"	"D"
832421817	15	.450 [11.43]	.345 [8.76]	.238 [5.97]	.250 [6.35]
832431817	21	.525 [13.33]	.420 [10.67]	.313 [7.87]	.325 [8.25]
832441817	25	.575 [14.60]	.470 [11.94]	.363 [9.14]	.375 [9.52]
832451817	31	.650 [16.51]	.545 [13.84]	438 [11.05]	.450 [11.43]
832461817	37	.725 [18.41]	.620 [15.75]	.513 [12.95]	.525 [13.33]
832471817	51	.900 [22.86]	.795 [20.19]	.688 [17.40]	.700 [17.78]
832481817	65	1.075 [27.30]	.970 [24.64]	.863 [21.84]	.875 [22.22]

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
C =	2 PLACE ±.010	CHECKED BY & DATE		FEMALE, SIZE XX, CNM8LXX-2S071-S01	
S =	ANGULAR ±.2°	APPROVED BY & DATE		MATERIAL	
SPC		SEE ECN			
Uti-Mate		CAD FILENAME	SD-832441817.DWG	PART NO.	DRAWING NO.
58967		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO UTTI-MATE		SEE "TAB BLOCK"	SD-832441817
		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				Uti-Mate Connector Inc.	SHEET NO. 1 OF 2
					PART REV A

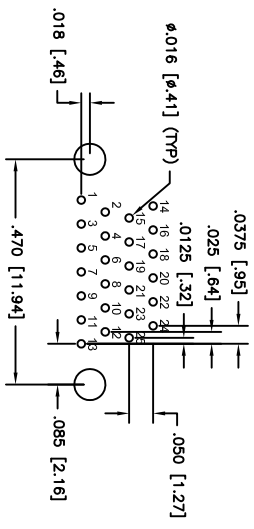
RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)

PART/DWG REV ISSUE	DATE	ECN NO.	APP'D BY	REL BY
-	02/17/11	UMI4306	T.POMBART	PER
A	07/08/19	UMI7201	T.POMBART	PER

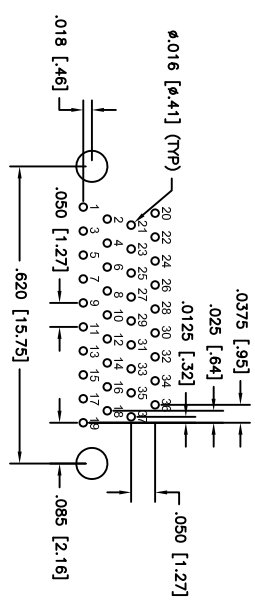
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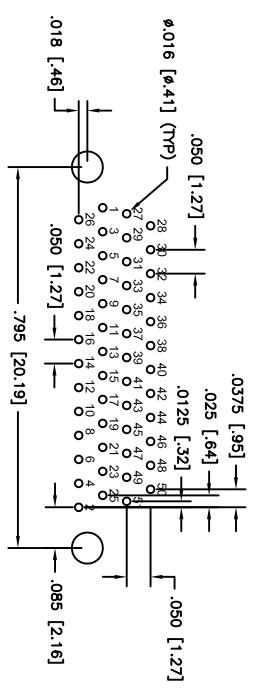
15 CONTACTS



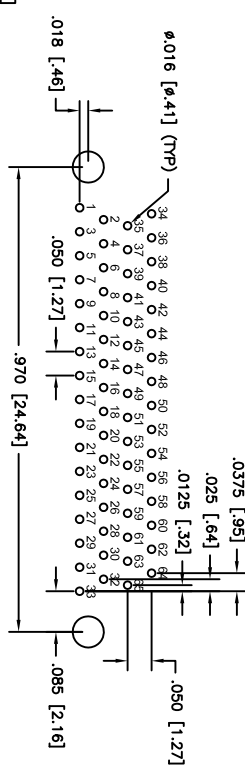
25 CONTACTS



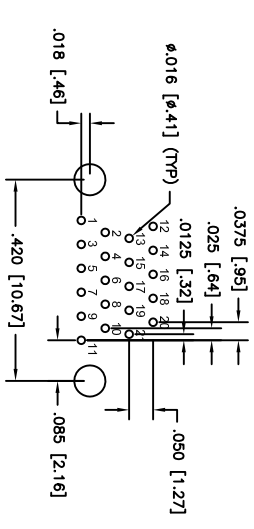
37 CONTACTS



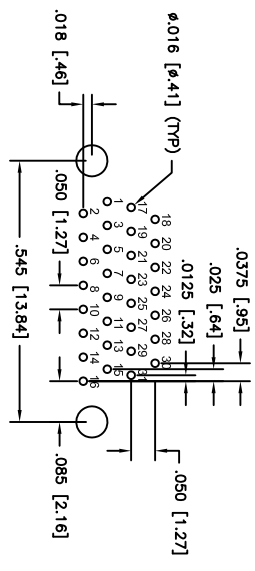
51 CONTACTS



65 CONTACTS



21 CONTACTS



31 CONTACTS

PERFORMANCE: MANUFACTURED TO THE FOLLOWING M32139 PERFORMANCE SPECIFICATIONS  
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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, ALL DIMENSIONS IN INCHES	SCALE	DWG SIZE	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
HAZARD	GENERAL TOLERANCES:	5:1	B	SEE NOTE 1	
CRITICAL	3 PLACE ±.005	DRAWN BY & DATE			
	2 PLACE ±.010	UMI 02-17-11			
	ANGULAR ±2°	CHECKED BY & DATE			
		SEE ECN			
		APPROVED BY & DATE			
		SEE ECN			
SPC	UT+-date CASE CODE	CAD FILENAME	PART NO.	DRAWING NO.	SHEET NO.
	58967	SD-832441817.DWG	SEE "TAB BLOCK"	SD-832441817	2 OF 2
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			PART REV
					A