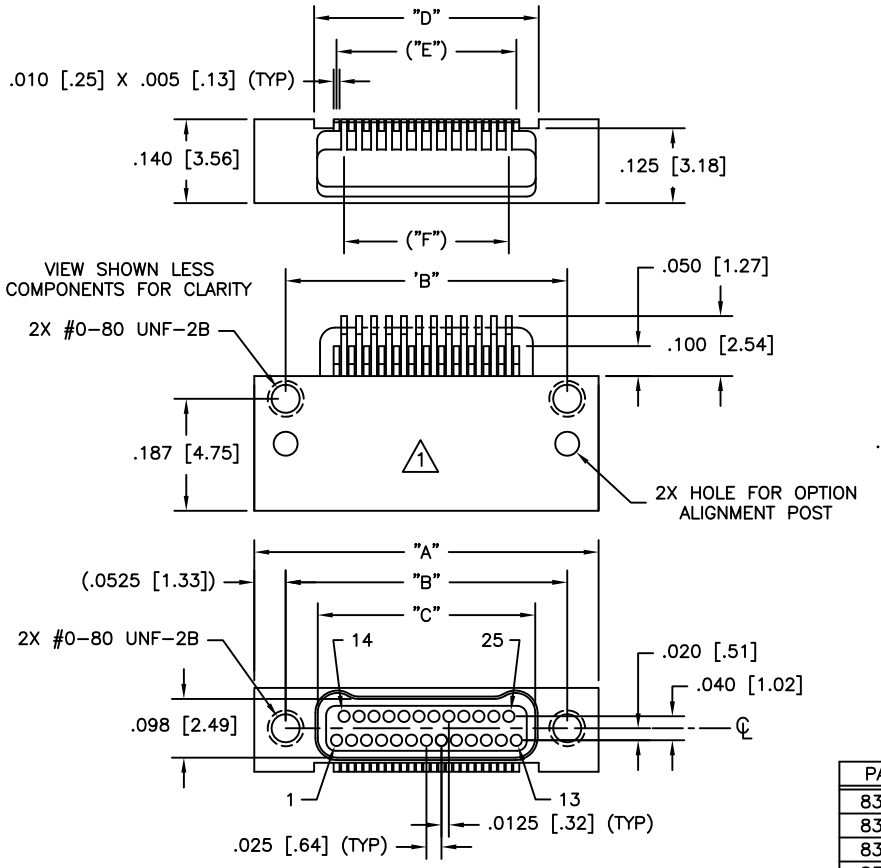
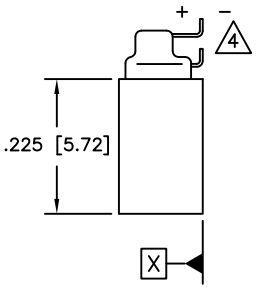
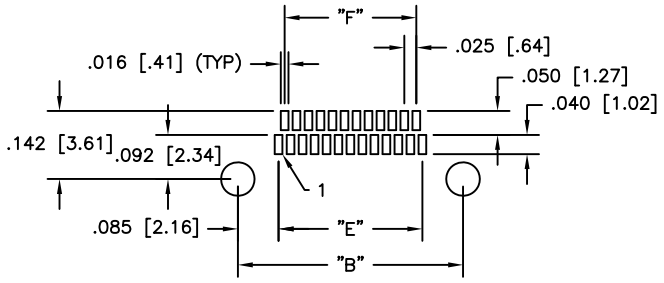
PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY
C	C	08/07/15	UMI5590	T.POMBART	PER
C	D	11/13/16	UMI6143	T.POMBART	PER







RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)
SCALE 4:1

PART NO.	SIZE	"A"	"B"	"C"	"D"	"E"	"F"
832411217	9	.375 [9.52]	.270 [6.86]	.163 [4.06]	.175 [4.44]	.100 [2.54]	.075 [1.90]
832421217	15	.450 [11.43]	.345 [8.76]	.238 [5.97]	.250 [6.35]	.175 [4.44]	.150 [3.81]
832431217	21	.525 [13.33]	.420 [10.67]	.313 [7.87]	.325 [8.25]	.250 [6.35]	.225 [5.71]
832441217	25	.575 [14.60]	.470 [11.94]	.363 [9.14]	.375 [9.52]	.300 [7.62]	.275 [6.98]
832451217	31	.650 [16.51]	.545 [13.84]	.438 [11.05]	.450 [11.43]	.375 [9.52]	.350 [8.89]
832461217	37	.725 [18.41]	.620 [15.75]	.513 [12.95]	.525 [13.33]	.450 [11.43]	.425 [10.79]
832471217	51	.900 [22.86]	.795 [20.19]	.688 [17.40]	.700 [17.78]	.625 [15.87]	.600 [15.24]
832481217	65	1.075 [27.30]	.970 [24.64]	.863 [21.84]	.875 [22.22]	.800 [20.32]	.775 [19.68]

4. LEAD TOLERANCE: LOWEST LEAD TO BE CO-PLANAR WITHIN +.001/-.003 FROM SURFACE "X" THEN ALL LEADS TO BE WITHIN +.005 FROM LOWEST LEAD

3. PERFORMANCE: MEETS OR EXCEEDS 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)

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: SN/PB PLATED

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
MAJOR ▼ =
CRITICAL ▽ C =
SPC ▽ S =

UNLESS SPECIFIED:
ALL DIMENSIONS IN INCHES
GENERAL TOLERANCES:
3 PLACE ±.005
2 PLACE ±.010
ANGULAR ±2°

Ulti-Mate CAGE CODE
58967

SCALE 5:1 | DWG SIZE B | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY

DRAWN BY & DATE: UMI 03-09-10
CHECKED BY & DATE: SEE ECN
APPROVED BY & DATE: SEE ECN

TITLE: NANO-D DUAL ROW CONNECTOR
FEMALE, SIZE XX, CNM28LXX-2S071-S01

MATERIAL: 2

Ulti-Mate Connector Inc.

CAD FILENAME: SD-832441217.DWG
PART NO.: SEE "TAB BLOCK"
DRAWING NO.: SD-832441217
SHEET NO.: 1 OF 1

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REV C