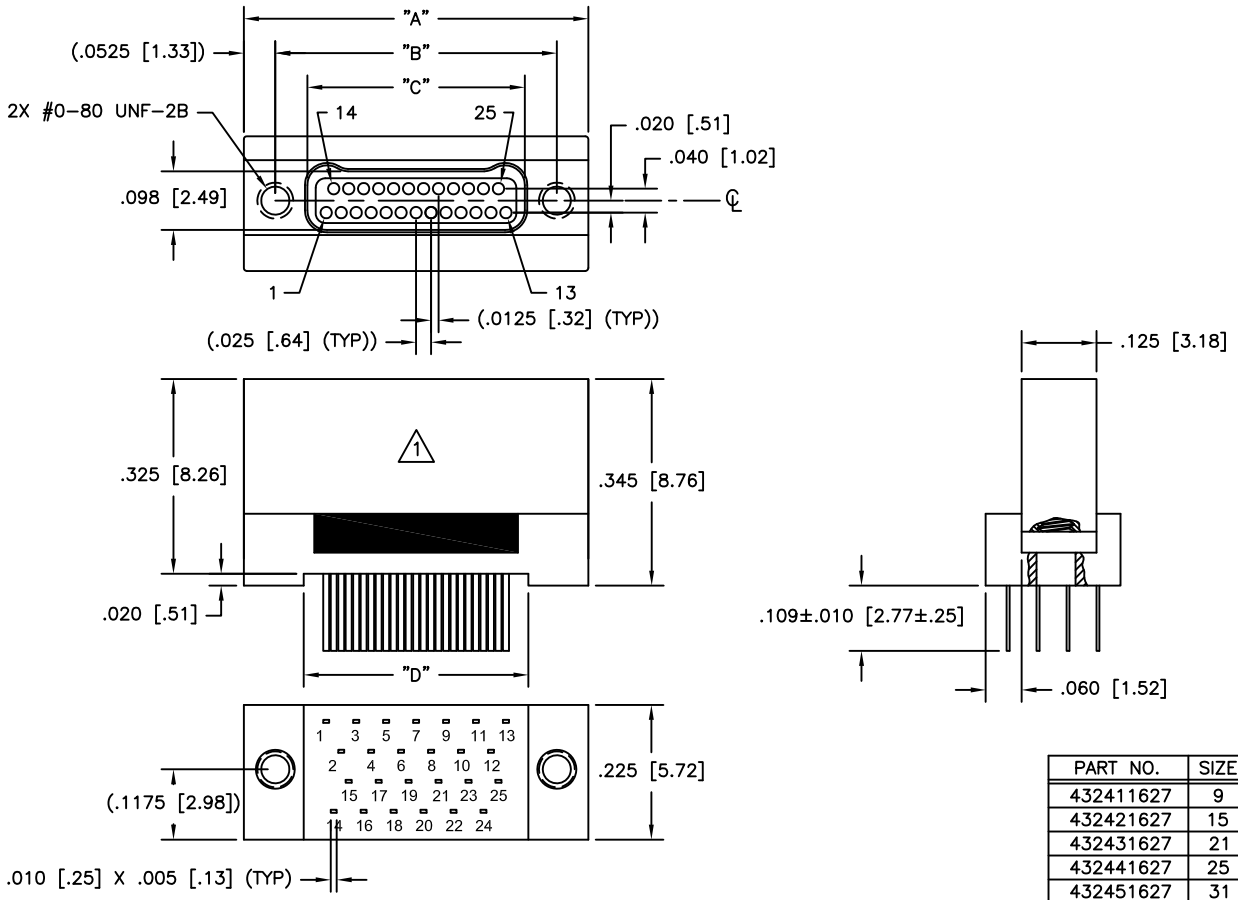
PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY
–	–	02/18/16	UMI5887	T.POMBART	PER



PART NO.	SIZE	"A"	"B"	"C"	"D"
432411627	9	.375 [9.52]	.270 [6.86]	.163 [4.06]	.175 [4.44]
432421627	15	.450 [11.43]	.345 [8.76]	.238 [5.97]	.250 [6.35]
432431627	21	.525 [13.33]	.420 [10.67]	.313 [7.87]	.325 [8.25]
432441627	25	.575 [14.60]	.470 [11.94]	.363 [9.14]	.375 [9.52]
432451627	31	.650 [16.51]	.545 [13.84]	.438 [11.05]	.450 [11.43]
432461627	37	.725 [18.41]	.620 [15.75]	.513 [12.95]	.525 [13.33]
432471627	51	.900 [22.86]	.795 [20.19]	.688 [17.40]	.700 [17.78]
432481627	65	1.075 [27.30]	.970 [24.64]	.863 [21.84]	.875 [22.22]

3. PERFORMANCE: MEETS OR EXCEEDS M32139 PERFORMANCE SPECIFICATIONS
CONTACT RATING: 1 AMPERE MAXIMUM
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 SAE 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 LEADS (ROHS COMPLIANT)
EPOXY: 200° CELSIUS

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 02-18-16
CHECKED BY & DATE: SEE ECN
APPROVED BY & DATE: SEE ECN

TITLE: NANO-D DUAL ROW CONNECTOR
FEMALE, SIZE XX, CNM6LXX-2S072-S01 HT

MATERIAL: 2

Ulti-Mate Connector Inc.

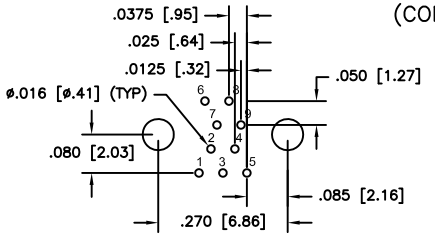
CAD FILENAME: SD-432461627.DWG
PART NO.: SEE "TAB BLOCK"
DRAWING NO.: SD-432461627
SHEET NO.: 1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

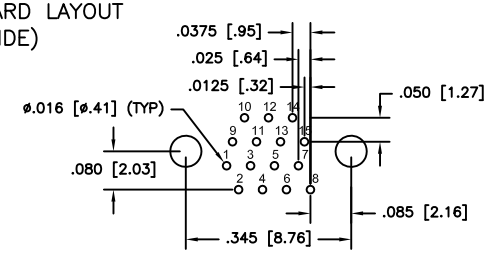
PART REV –

PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY
–	–	02/18/16	UMI5887	T.POMBART	PER

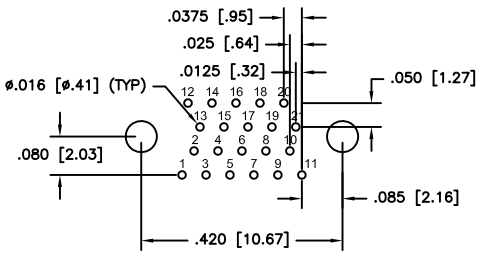
RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



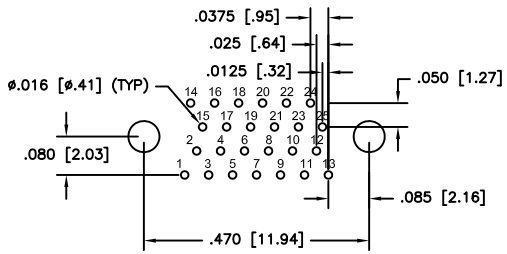
9 CONTACTS



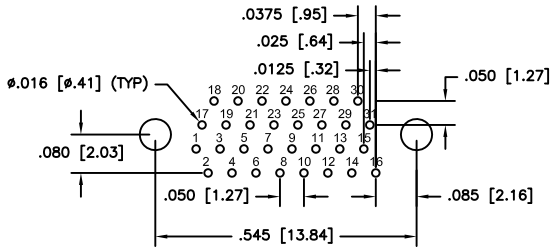
15 CONTACTS



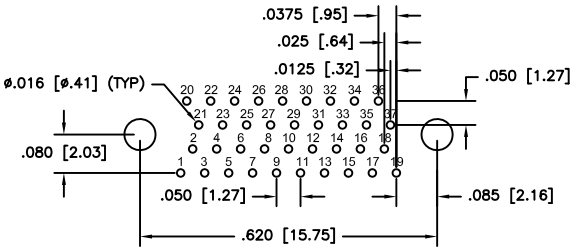
21 CONTACTS



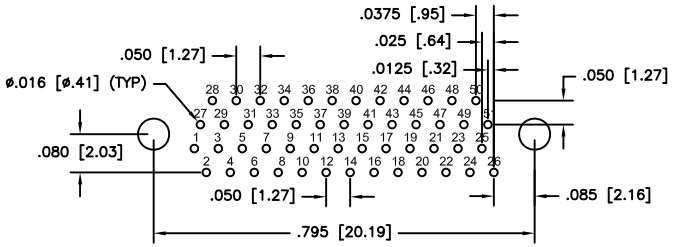
25 CONTACTS



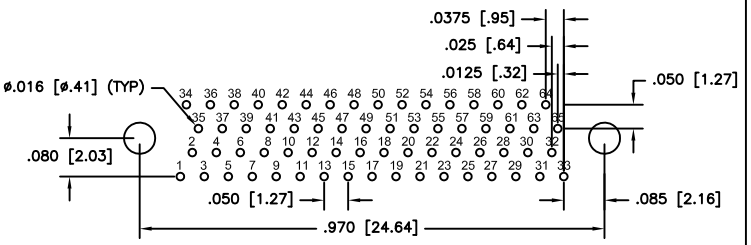
31 CONTACTS



37 CONTACTS



51 CONTACTS



65 CONTACTS

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Ulti-Mate CAGE CODE
58967

SCALE 5:1	DWG SIZE B	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
DRAWN BY & DATE UMI 02–18–16		TITLE: NANO–D DUAL ROW CONNECTOR FEMALE, SIZE XX, CNM6LXX–2S072–S01 HT	
CHECKED BY & DATE SEE ECN		MATERIAL: 2	Ulti-Mate Connector Inc.
APPROVED BY & DATE SEE ECN			
CAD FILENAME SD–432461627.DWG	PART NO. SEE "TAB BLOCK"	DRAWING NO. SD–432461627	SHEET NO. 2 OF 2

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PART REV –