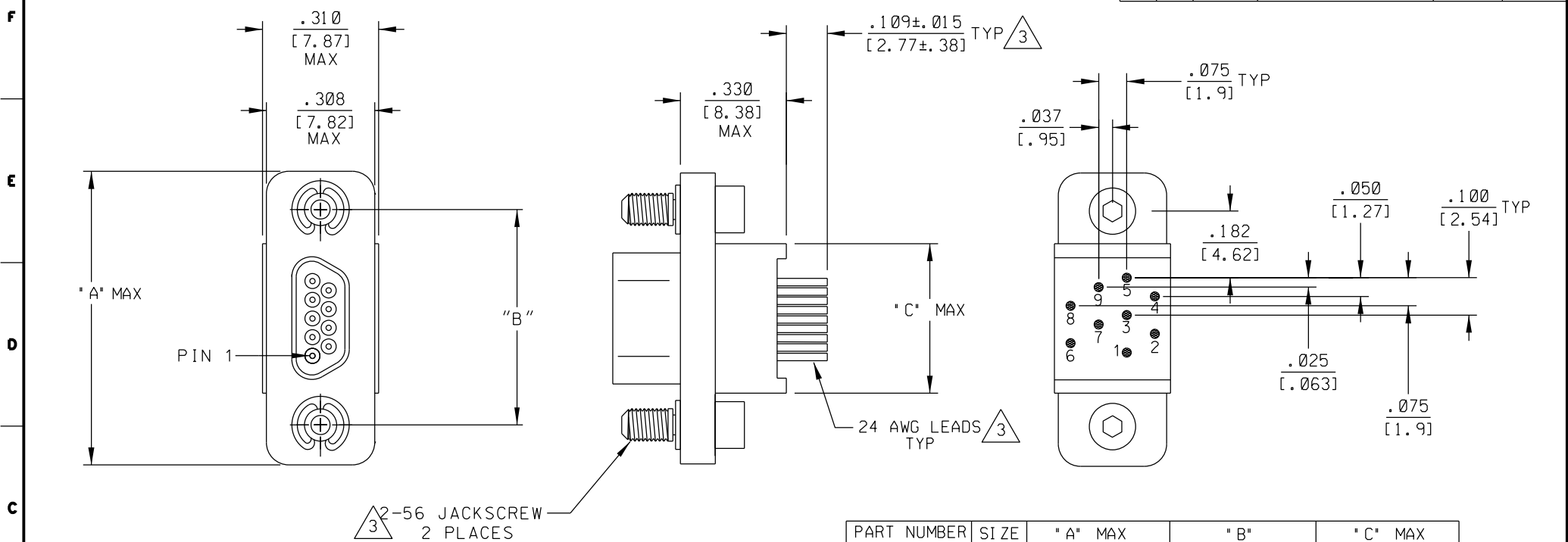


10	9	8	7	6	5	4	3			2	SD-8361X1712	
							PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY



PART NUMBER	SIZE	"A" MAX	"B"	"C" MAX
836111712	9	.785 [19.94]	.565 [14.35]	.400 [10.16]
836121712	15	.935 [23.75]	.715 [18.16]	.550 [13.97]
836131712	21	1.085 [27.56]	.865 [21.97]	.700 [17.78]
836141712	25	1.185 [30.10]	.965 [24.51]	.800 [20.32]
836151712	31	1.335 [33.91]	1.115 [28.32]	.950 [24.13]
836161712	37	1.485 [37.27]	1.265 [32.13]	1.100 [27.94]

5. SEE SHEET 2 FOR RECOMMENDED PCB LAYOUTS.

4. PERFORMANCE: MEETS OR EXCEEDS REQUIREMENTS OF MIL-DTL-83513

3 CONSULT FACTORY FOR AVAILABLE OPTIONS

2

MATERIALS:
SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8, NICKEL PLATED PER AMS 2404
INSULATOR AND BACKSHELL: PPS PER MIL-M-24519 GST-40F, COLOR: BLACK
PIN CONTACTS: C17200 BERYLLIUM COPPER PER ASTM B194, GOLD PLATED PER ASTM B488
24 AWG LEADS: TIN PLATED COPPER PER A-A-59551 TYPE S
HARDWARE: PASSIVATED STAINLESS STEEL IAW MIL-DTL-83513/5
1. MARKING: UMI, DATE CODE, UMI P/N.

QUALITY SYMBOLS

MAJOR

CRITICAL

SPC

4

0

0

UNLESS SPECIFIED:

ALL DIMENSIONS IN INCHES/MM

GENERAL TOLERANCES:

3 PLACE $\pm .005$ / .13

2 PLACE $\pm .01$ / .25

ANGULAR $\pm 2^\circ$

UMti-Mate CAGE CODE

58967

SCALE

4 : 1

DWG SIZE

B

DRAWN BY & DATE

DW 11-14-11

CHECKED BY & DATE

APPROVED BY & DATE

CAD FILENAME

SD-8361X1712-1.DGN

PART NO.

SEE CHART

DRAWING NO.

SD-8361X1712

SHEET NO.

1 OF 2

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

REV

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

TITLE: CIRCUIT CONNECTOR, PLUG (PINS), SIZES 9 THRU 37, STYLE 16 (.075 X .075), CM16RXXP02-S01

MATERIAL:

2 3

UMti-Mate Connector Inc.

10

9

8

7

6

5

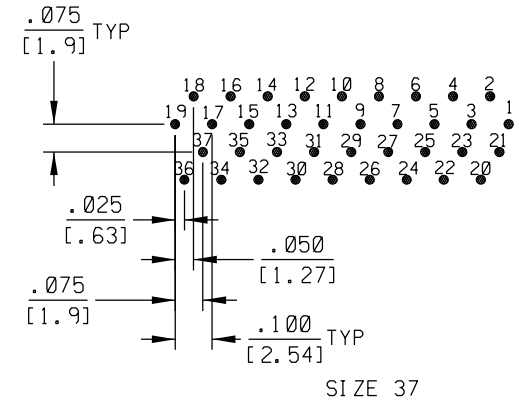
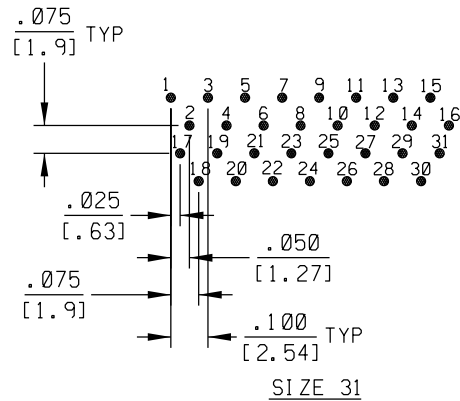
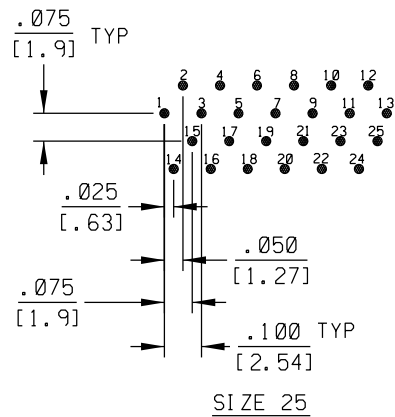
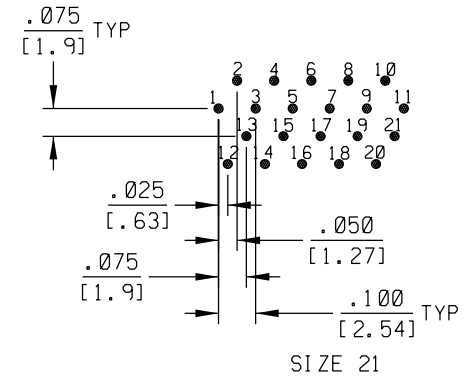
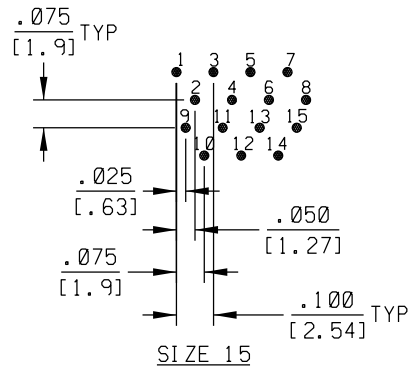
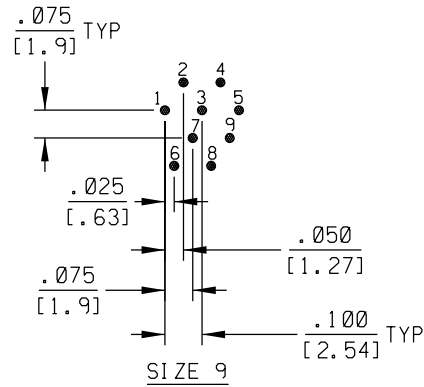
4

3

2

SD-8361X1712

PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY



SEE SHEET 1

NOTES: UNLESS OTHERWISE SPECIFIED.

QUALITY SYMBOLS  = 4 CRITICAL  = 0 SPC  = 0	UNLESS SPECIFIED: ALL DIMENSIONS IN INCHES/MM GENERAL TOLERANCES: 3 PLACE ± .005 / .13 2 PLACE ± .01 / .25 ANGULAR ±2°	SCALE 3 : 1	DWG SIZE B	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
		DRAWN BY & DATE DW 11-14-11	TITLE: RECOMMENDED PCB LAYOUTS, STYLE 16 (.075 X .075) PLUG (PINS), SIZES 9 THRU 37, CM16RXXP02-S01			
		CHECKED BY & DATE	MATERIAL: SEE SHEET 1			
		APPROVED BY & DATE				
	Uti-Mate CAGE CODE 58967	CAD FILENAME SD-8361X1712-2.DGN	PART NO. SEE SHEET 1	DRAWING NO. SD-8361X1712	SHEET NO. 2 OF 2	
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Ulti-Mate CAGE CODE

58967

Ulti-Mate
Connector Inc.