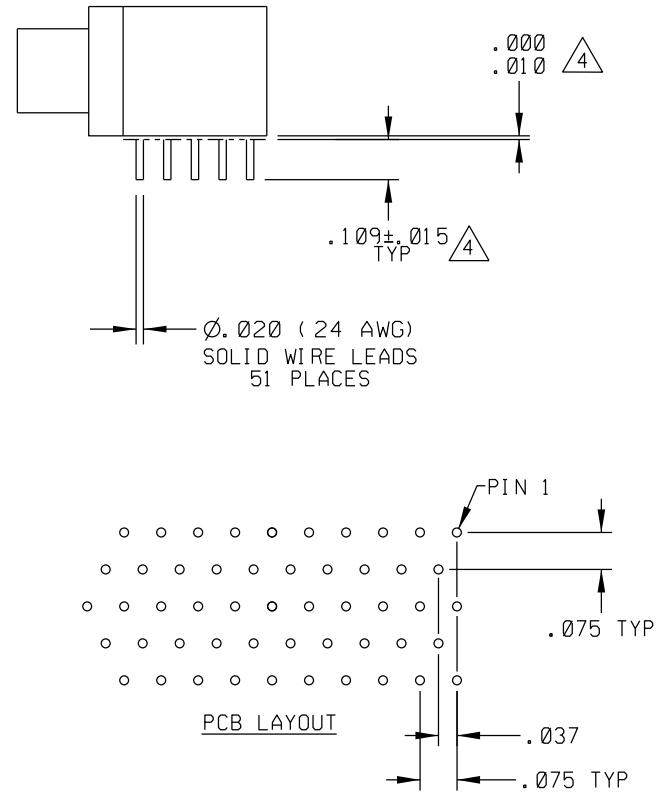
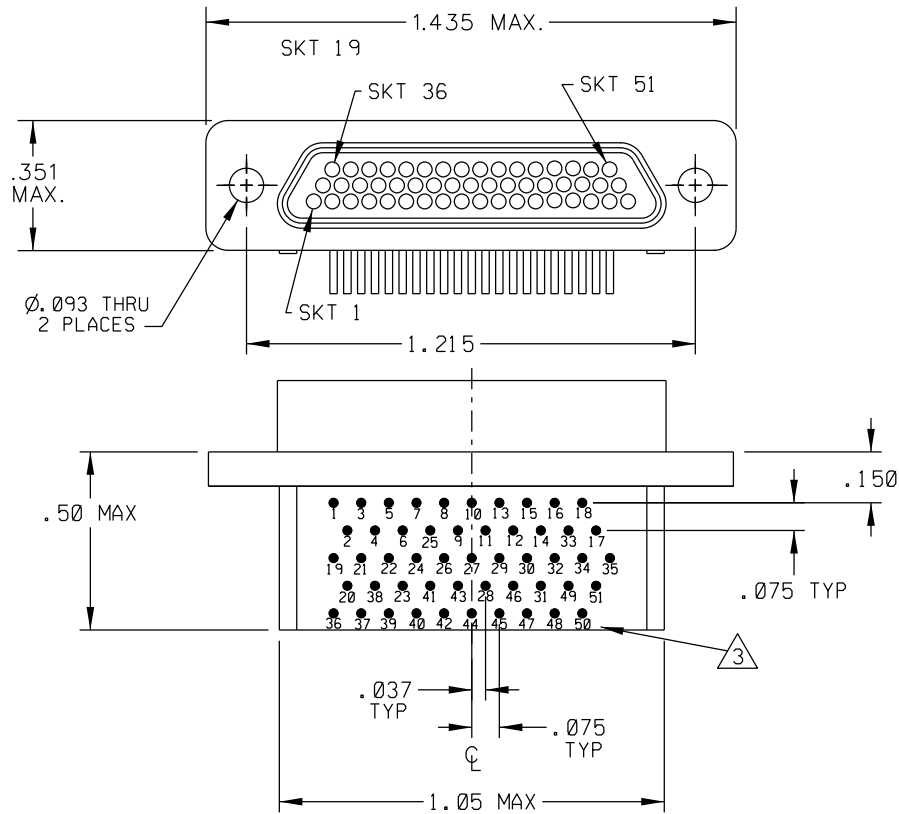


PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY
-	-	7-2-12	UMI 4654	DW	DW
A	A	3-18-15	UMI 5531	DW	DW



4 THE FEET ON THE BACKSHELL CAN BE FLUSH TO .010 BELOW THE BOTTOM OF THE FLANGE. THE LEAD LENGTH IS MEASURED FROM THE BOTTOM OF THE FEET.

3 NUMBERS ON BACKSHELL ARE SHOWN FOR REFERENCE ONLY AND DO NOT APPEAR ON PART

2 MATERIALS:

SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8, CADMIUM PLATED PER SAE-AMS-QQ-P-416

INSULATOR AND BACKSHELL: PPS PER MIL-M-24519 GST-40F, COLOR: BLACK  
 SOCKET CONTACTS: COPPER ALLOY C21000 1/2 HARD PER ASTM B36, GOLD PLATED PER ASTM B488

24 AWG SOLID WIRE LEADS: TIN PLATED COPPER ALLOY PER A-A-59551 TYPE S  
 HARDWARE: PASSIVATED STAINLESS STEEL IAW MIL-DTL-8351 3/5  
 INTERFACIAL SEAL: FLOUROSILICONE PER MIL-R-25988

1. MARKING: UMI, DATE CODE, AND PART NO.

NOTES: UNLESS OTHERWISE SPECIFIED

QUALITY SYMBOLS	UNLESS SPECIFIED: ALL DIMENSIONS IN INCHES	SCALE NONE	DWG SIZE B	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
CRITICAL	GENERAL TOLERANCES: 3 PLACE ±.005 2 PLACE ±.01 ANGULAR ±2°	DRAWN BY & DATE DW 7-2-12	CHECKED BY & DATE SEE ECN	TITLE: CIRCUIT CONNECTOR, 51 POSITION FEMALE, RIGHT ANGLE, STYLE 18, CMI 8R51-3S0	
SPECIAL	ALL EXTERNAL SPECIFICATIONS REFERENCED ON THIS DRAWING SHALL BE TO THE LATEST REVISION IN EFFECT	APPROVED BY & DATE SEE ECN	CAD FILENAME SD-83627001 0.DGN	MATERIAL: 2	Uti-Mate Connector Inc.
KEY	Uti-Mate CAGE CODE 58967	PART NO. 836270010	DRAWING NO. SD-836270010	SHEET NO. 1 OF 1	PART REV A
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			