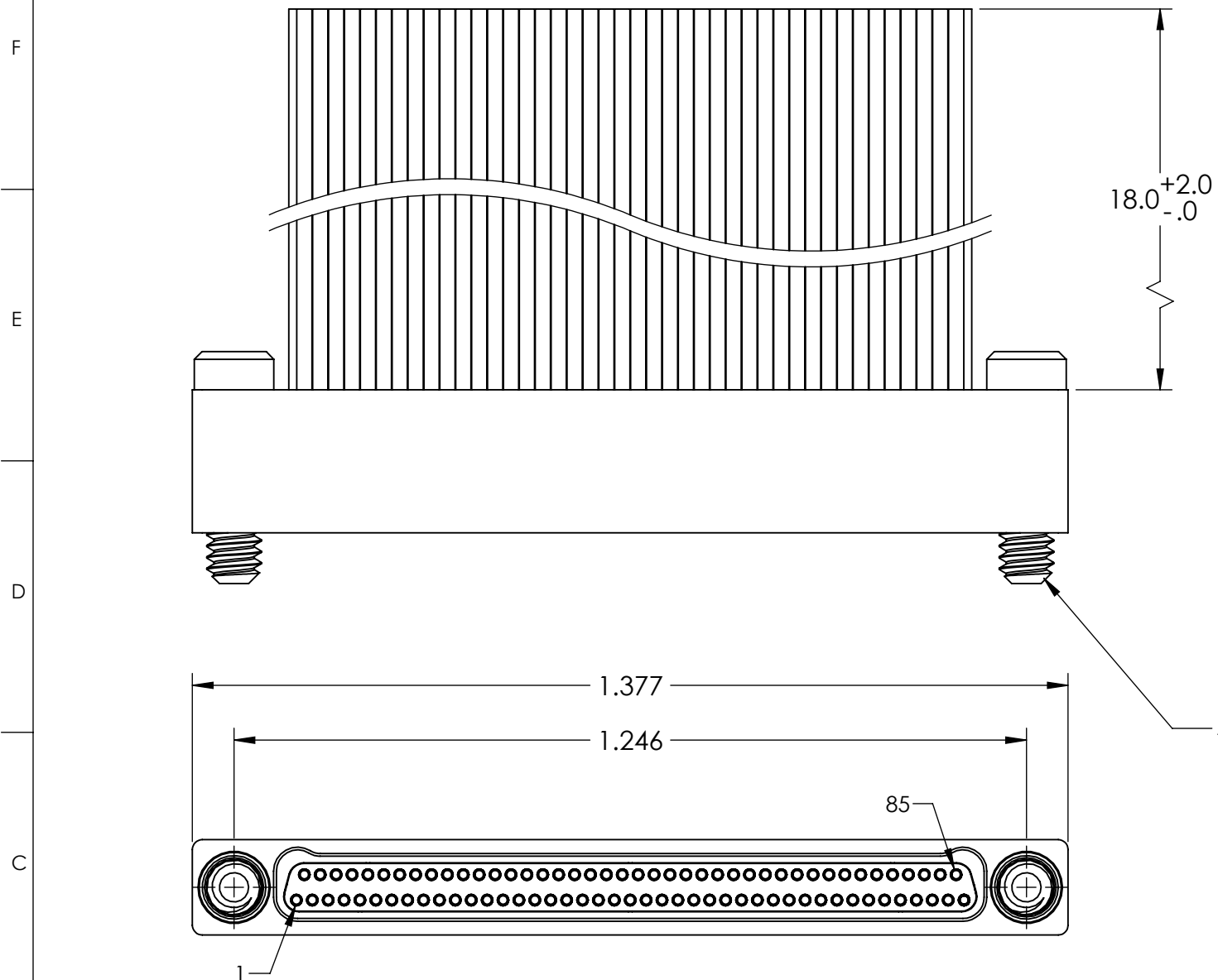


REVISIONS					
PART REV.	DWG. ISSUE	DATE	ECN NO.	APPVD. BY	REL. BY
-	-	05/17/2021	UMI7754	FA	DW



**WIRING COLOR CODE**

1, 11, 21, 31, 41, 51, 61, 71, 81	—	BLACK
2, 12, 22, 32, 42, 52, 62, 72, 82	—	BROWN
3, 13, 23, 33, 43, 53, 63, 73, 83	—	RED
4, 14, 24, 34, 44, 54, 64, 74, 84	—	ORANGE
5, 15, 25, 35, 45, 55, 65, 75, 85	—	YELLOW
6, 16, 26, 36, 46, 56, 66, 76	—	GREEN
7, 17, 27, 37, 47, 57, 67, 77	—	BLUE
8, 18, 28, 38, 48, 58, 68, 78	—	VIOLET
9, 19, 29, 39, 49, 59, 69, 79	—	GRAY
10, 20, 30, 40, 50, 60, 70, 80	—	WHITE

#2-56 JACKSCREW  
ALLEN HEAD  
CAPTURED  
2X

4. PERFORMANCE: MEETS OR EXCEEDS M32139 PERFORMANCE SPECIFICATIONS  
CURRENT RATING: 1 AMP MAX.  
DWV: 250 VAC  
INSULATION RESISTANCE: 5000 MΩ MIN. @ 100 VDC  
CONTACT RESISTANCE: 0.071 VOLT MAX. DROP @ 1.0 AMP (.071 Ω)  
W/6.0" OF WIRE LISTED BELOW, PER MIL-DTL-32139

3. MATERIALS:  
SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8, NICKEL PLATED PER AMS-2404  
INSULATOR: LCP (LIQUID CRYSTAL POLYMER) GLCP-30F, COLOR: BLACK  
SOCKET CONTACTS: BRASS ALLOY 260, GOLD PLATED PER ASTM B488  
WIRES: 30 AWG PER SAE-AS22759/33, COLOR CODED PER MIL-DTL-681, SYSTEM 1,  
EXCEPT USING 10 SOLID REPEATING COLORS  
HARDWARE: PASSIVATED STAINLESS STEEL

2. MARKINGS: UMI, UMI P/N, DATE CODE, W/O NO. AS SPACE PERMITS OTHERWISE ON BAG AND TAG  
1. CONNECTOR ASSEMBLY IS IAW MIL-DTL-32139 WHERE APPLICABLE

NOTES: UNLESS OTHERWISE SPECIFIED

QUALITY SYMBOLS CRITICAL SPL/MI NOR SPL/MAJOR KEY	<b>UNLESS SPECIFIED:</b> ALL DIMENSIONS IN INCHES GENERAL TOLERANCES: 3 PLACE ±.005 2 PLACE ±.010 ANGULAR ±2°	SCALE <b>4:1</b>	DWG SIZE <b>B</b>	THIRD ANGLE PROJECTION	<b>REVISE ON CAD ONLY</b>	
	ALL EXTERNAL SPECIFICATIONS REFERENCED ON THIS DRAWING SHALL BE THE LATEST REVISION IN EFFECT Ultri-Mate CAGE CODE <b>58967</b>	DRAWN BY & DATE FA 05/17/2021	TITLE NANO DUAL ROW CONNECTOR MALE, SIZE 85, NML85-2S02-30Y6-18.0-S01		MATERIAL 3	ENG PROJECT #
		CHECKED BY & DATE SEE ECN	APPROVED BY & DATE SEE ECN	CAD FILENAME SD-833491222.slddrw	PART NO. 833491222	DRAWING NO. SD-833491222
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTRI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SHEET NO. <b>1 OF 1</b> PART REV. -

