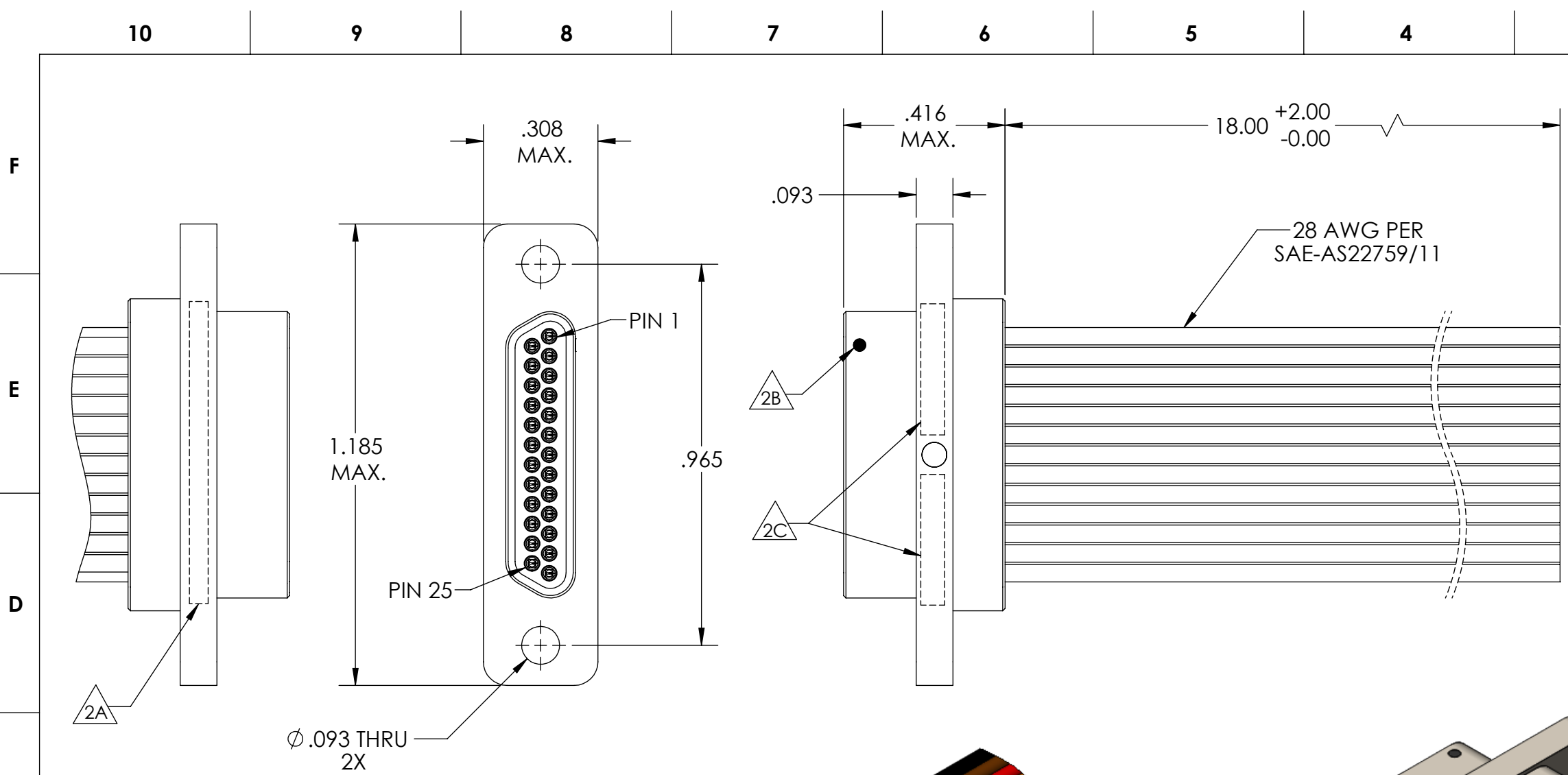
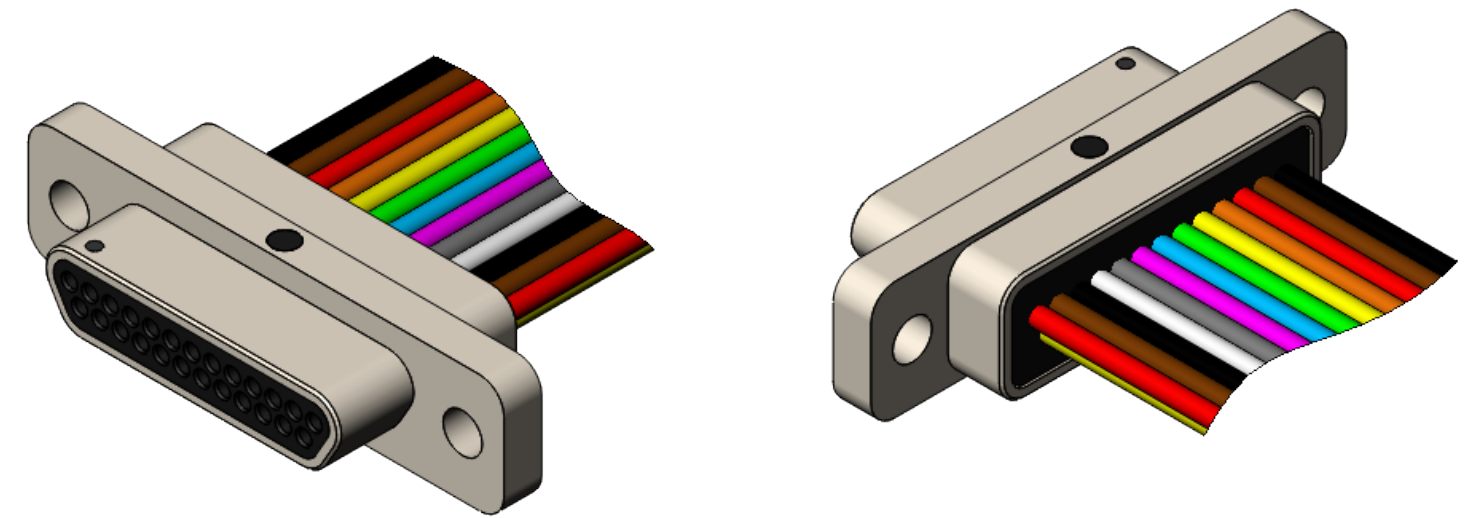


PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY
-	-	2/21/19	UMI7048	DU	DW



1	BLK
2	BRN
3	RED
4	ORG
5	YEL
6	GRN
7	BLU
8	VIO
9	GRY
10	WHT
11	BLK
12	BRN
13	RED
14	ORG
15	YEL
16	GRN
17	BLU
18	VIO
19	GRY
20	WHT
21	BLK
22	BRN
23	RED
24	ORG
25	YEL



- 5. CONTACT HEIGHTS ARE TO BE PER QA-STD-101.
- 4. PERFORMANCE SPECIFICATIONS:
CURRENT RATING: 3 AMP MAX.
DWV: 600 VAC
TEMPERATURE RATING: -55°C TO 125°C

3 MATERIALS:
SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8, NICKEL PLATED PER AMS-2404
INSULATOR: PPS PER MIL-M-24519 GST-40F, COLOR: BLACK
PIN CONTACTS: C17200 BERYLLIUM COPPER PER ASTM B194, GOLD PLATED PER ASTM B488
WIRES: 28 AWG PER SAE-AS22759/11, COLOR CODE: REPEATING 10 COLERS PER MIL-STD-681

- 2. MARKING: M83513/03-D03N
 A DOT INDICATING POSITION 1
 "UMI", DATE CODE, UMI WORK ORDER NUMBER

1. CONNECTOR ASSEMBLY IS IAW MIL-DTL-83513 UNLESS OTHERWISE SPECIFIED.

NOTES: UNLESS OTHERWISE SPECIFIED.

QUALITY SYMBOLS CRITICAL MAJOR NO SYMBOLS = MINOR DIMENSIONS	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES	SCALE 3:1	DWG SIZE B	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
	GENERAL TOLERANCES: 3 PLACES ±.005 2 PLACES ±.01 ANGULAR ±2°	DRAWN BY & DATE DU 2/21/19		TITLE: MIL SPEC MICRO-D CONNECTOR, MIL-DTL-83513/03-D03N, (MR25PO-28M6-18.0-S01)			
		CHECKED BY & DATE DW 2/21/19		MATERIAL:	3	ENG PROJECT #:	NONE
		APPROVED BY & DATE DW 2/21/19		CAD FILE NAME SD-835141030.sliddrw	PART NO. 835141030	DRAWING NO. SD-835141030	SHEET NO. 1 of 1
	ULTI-MATE CAGE CODE 58967	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					

