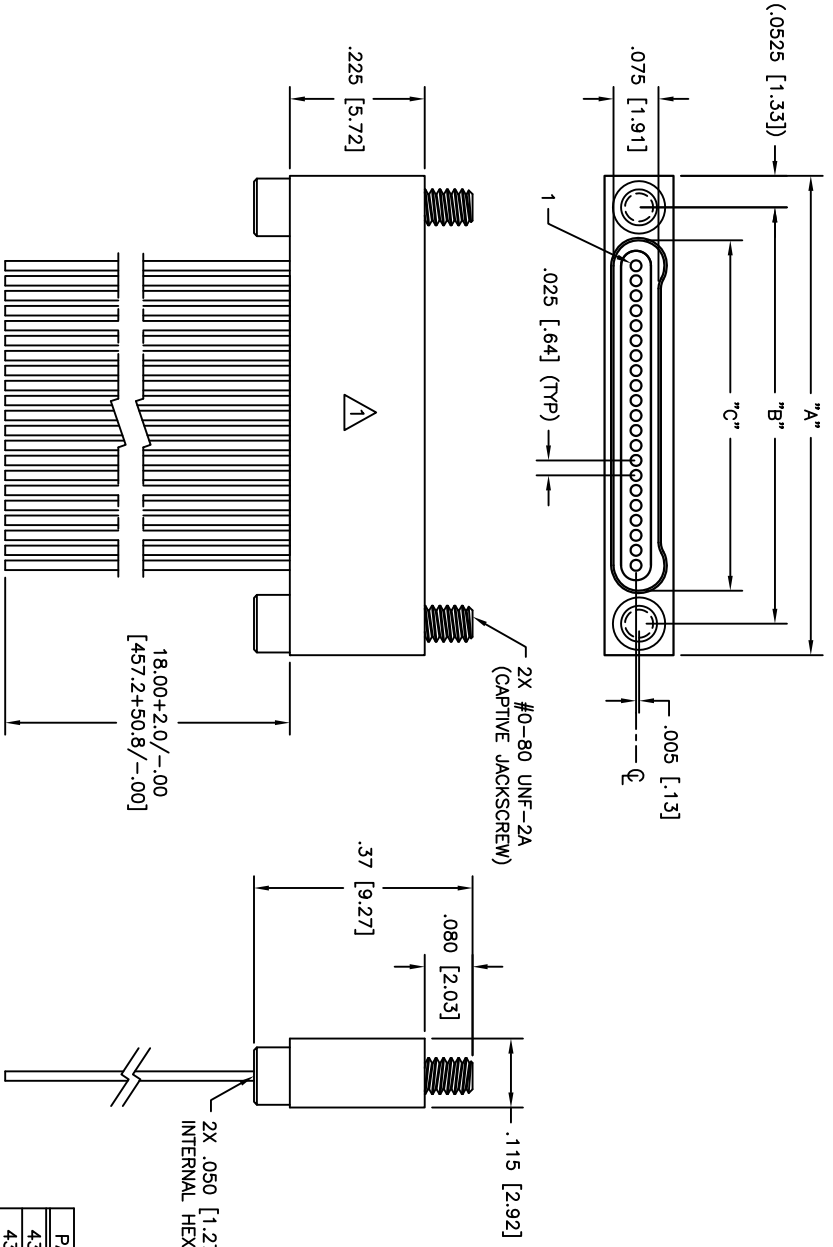


PART DWG REV ISSUE	DATE	ECN NO.	APPD BY	REL BY
-	03/24/20	UMI7437	T.POMBERT	PER

WIRING COLOR CODE

- 1, 11, 21, 31, 41, 51 — BLACK
- 2, 12, 22, 32, 42 — BROWN
- 3, 13, 23, 33, 43 — RED
- 4, 14, 24, 34, 44 — ORANGE
- 5, 15, 25, 35, 45 — YELLOW
- 6, 16, 26, 36, 46 — GREEN
- 7, 17, 27, 37, 47 — BLUE
- 8, 18, 28, 38, 48 — VIOLET
- 9, 19, 29, 39, 49 — GRAY
- 10, 20, 30, 40, 50 — WHITE

WIRE DIAGRAM REPRESENTS
LARGEST SIZE IN PART NO. TABLE



3. PERFORMANCE: MANUFACTURED TO MEET THE FOLLOWING M32139 PERFORMANCE SPECIFICATIONS
 CONTACT RATING: 1 AMPERE MAXIMUM
 DMV: 250 VAC
 INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM @ 100 VDC
 CONTACT RESISTANCE: 0.071 VOLT MAXIMUM DROP @ 1.0 AMPS (.071 OHMS)
 W/6.00" OF WIRE LISTED BELOW, PER MIL-DTL-32139

2. MATERIALS: SHELL: ALUMINUM 6061-T6, ELECTROLESS NICKEL PLATED PER AMS2404
 INSULATOR: LCP (LIQUID CRYSTAL POLYMER) GLCP-30F
 CONTACT: BRASS ALLOY 735, GOLD PLATED PER ASTM B488
 LEADS: 30 AWG, SAE-AS22739/33, COLOR CODED PER MIL-DTL-681, SYSTEM 1,
 EXCEPT USING 10 SOLID REPEATING COLORS
 HARDWARE: 303 STAINLESS PER ASTM 582
 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

PART NO.	SIZE	"A"	"B"	"C"
433211222	9	.500 [12.70]	.395 [10.03]	.285 [7.24]
433221222	15	.650 [16.51]	.545 [13.84]	.435 [11.05]
433231222	21	.800 [20.32]	.695 [17.65]	.585 [14.86]
433241222	25	.900 [22.86]	.795 [20.19]	.685 [17.40]
433251222	31	1.050 [26.67]	.945 [24.00]	.835 [21.21]
433261222	37	1.200 [30.48]	1.095 [27.81]	.985 [25.02]
433271222	51	1.550 [39.37]	1.445 [36.70]	1.335 [33.91]

QUALITY SYMBOLS	UNLESS SPECIFIED, ALL DIMENSIONS IN INCHES	SCALE	DWG SIZE	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
MAJOR =	GENERAL TOLERANCES:	DRAWN BY & DATE	B		
CRITICAL C/ =	3 PLACE ±.005	CHECKED BY & DATE	UMI 03-24-20	TITLE:	NANO-D SINGLE ROW CONNECTOR, FEMALE,
SPC S/ =	2 PLACE ±.010	APPROVED BY & DATE		SIZE XX, NMLXX-1S02-30Y6-18.0 S01 HT	
	ANGULAR ±2°	SEE ECN		MATERIAL:	
		CAD FILENAME	SD-433231222.DWG	PART NO.	DRAWING NO.
		UTII-MATE CASE CODE	58967	SEE "TAB BLOCK"	SD-433231222
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO UTII-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
				SHEET NO.	1 OF 1
				PART REV	-