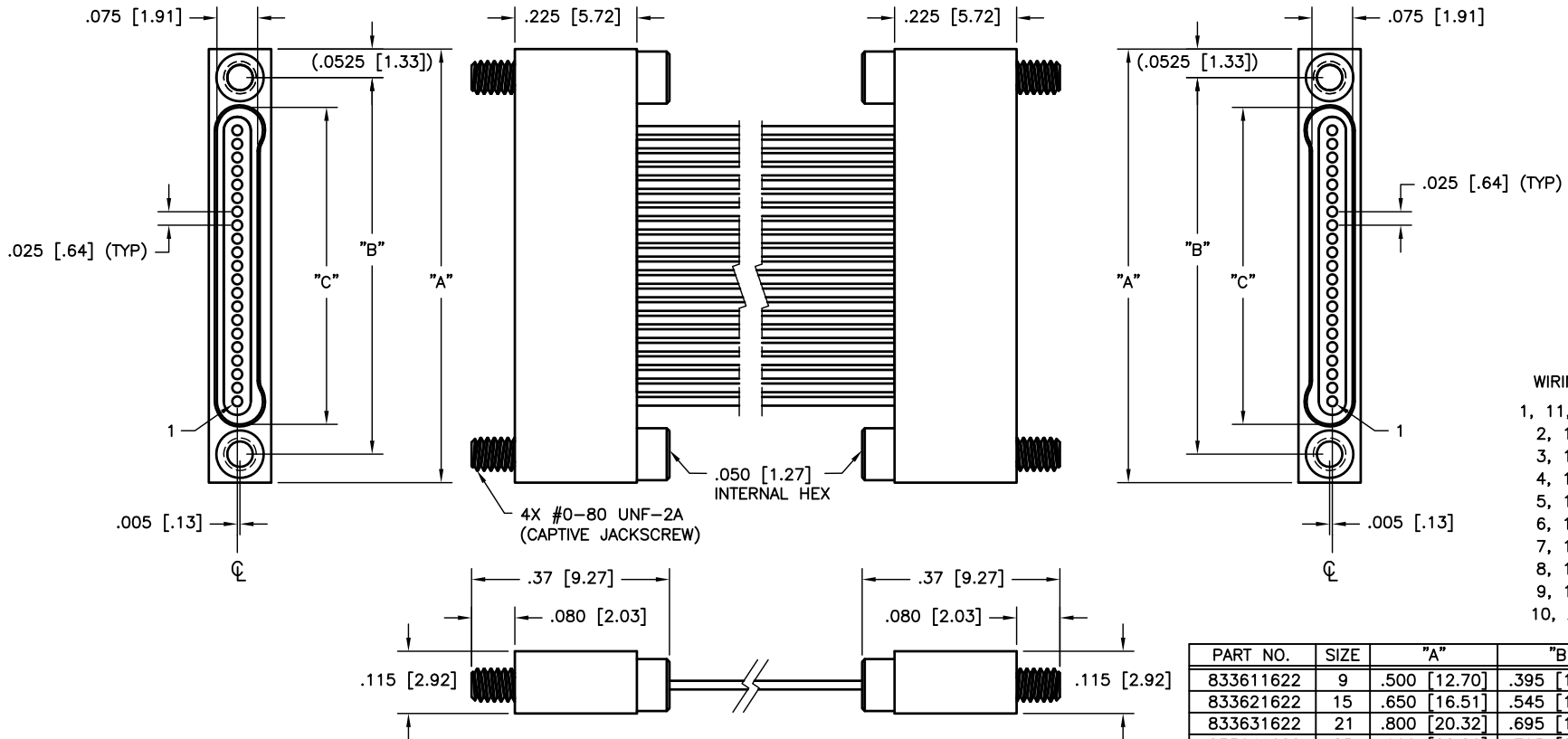


PART REV		DWG ISSUE	DATE	ECN NO.		APPVD BY	REL BY
-	-	-	-	-	-	-	-



WIRING COLOR CODE

1, 11, 21	—	BLACK
2, 12	—	BROWN
3, 13	—	RED
4, 14	—	ORANGE
5, 15	—	YELLOW
6, 16	—	GREEN
7, 17	—	BLUE
8, 18	—	VIOLET
9, 19	—	GRAY
10, 20	—	WHITE

PART NO.	SIZE	"A"	"B"	"C"
833611622	9	.500 [12.70]	.395 [10.03]	.285 [7.24]
833621622	15	.650 [16.51]	.545 [13.84]	.435 [11.05]
833631622	21	.800 [20.32]	.695 [17.65]	.585 [14.86]
833641622	25	.900 [22.86]	.795 [20.19]	.685 [17.40]
833651622	31	1.050 [26.67]	.945 [24.00]	.835 [21.21]
833661622	37	1.200 [30.48]	1.095 [27.81]	.985 [25.02]
833671622	51	1.550 [39.37]	1.445 [36.70]	1.335 [33.91]

3. PERFORMANCE: MEETS OR EXCEEDS M32139 PERFORMANCE SPECIFICATIONS
 CONTACT RATING: 1 AMPERE MAXIMUM
 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 AMS-C-26074
 INSULATOR: LCP (LIQUID CRYSTAL POLYMER) GLCP-30F
 CONTACT: BRASS ALLOY 735, GOLD PLATED PER ASTM B488
 LEADS: 30 AWG, NEMA HP3, TYPE ET, COLOR CODED PER MIL-DTL-681, SYSTEM 1,
 EXCEPT USING 10 SOLID REPEATING COLORS, 18.0" +0.5/-0 LONG
 HARDWARE: 303 STAINLESS PER ASTM 582

1. MARKINGS: UMI, DATE CODE, UMI P/N AS SPACE PERMITS

NOTES: UNLESS OTHERWISE SPECIFIED

QUALITY SYMBOLS MAJOR CRITICAL SPC	UNLESS SPECIFIED: ALL DIMENSIONS IN INCHES GENERAL TOLERANCES: 3 PLACE ±.005 2 PLACE ±.010 ANGULAR ±2°	SCALE 5:1 DWG SIZE B	THIRD ANGLE PROJECTION REVISE ON CAD ONLY
	DRAWN BY & DATE UMI 03-09-10	CHECKED BY & DATE	TITLE: NANO-D SINGLE ROW CONNECTOR, MALE/FEMALE, SIZE XX, NMLXX-1S02/NMLXX-1S02-30F6-18.0-S01
	APPROVED BY & DATE	MATERIAL: 	
	CAD FILENAME SD-833631622.DWG	PART NO. SEE "TAB BLOCK"	DRAWING NO. SD-833631622

Ulti-Mate CAGE CODE 58967

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