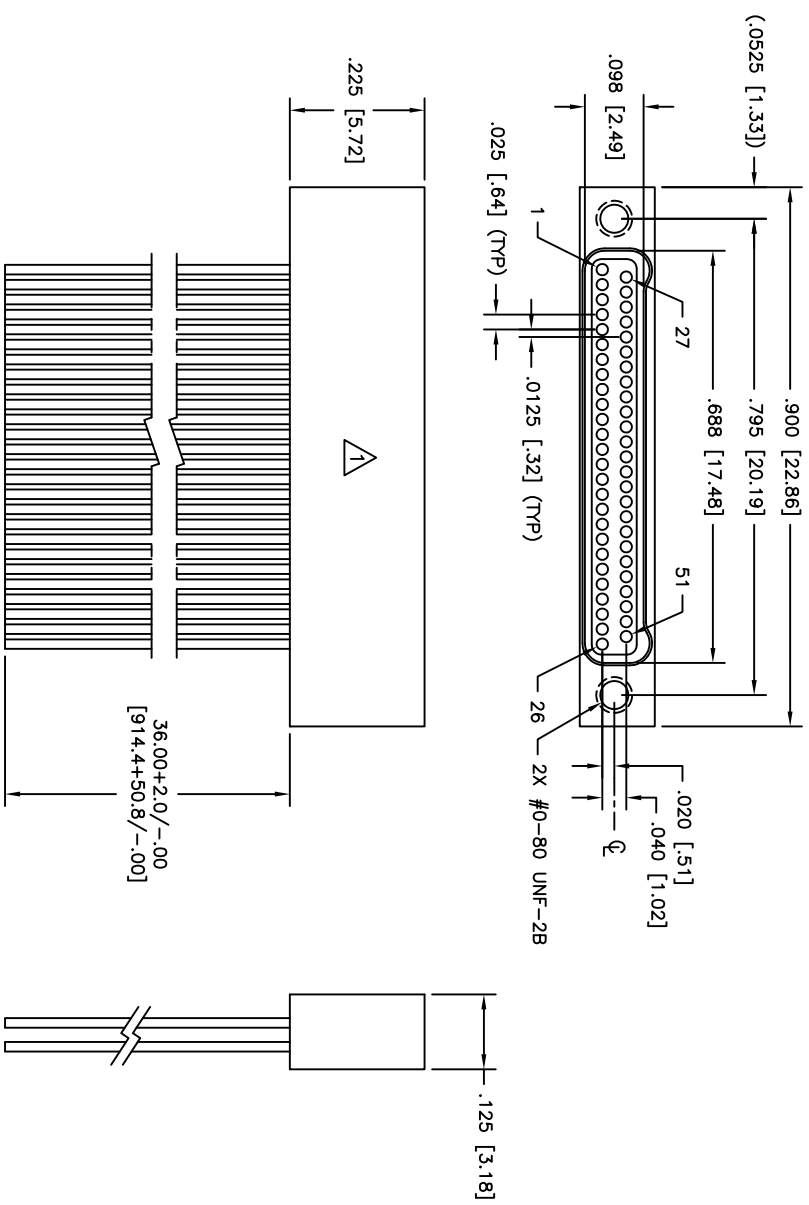


PART DWG REV ISSUE	DATE	ECN NO.	APPD BY	REL BY
-	07/26/19	UM17223	T-POWBAKT	PER

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



4. PERFORMANCE: MANUFACTURED TO THE FOLLOWING M32139 PERFORMANCE SPECIFICATIONS
 CONTACT RATING: 1 AMPERE MAXIMUM AT AMBIENT TEMPERATURE
 DWV: 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
3. INTERMATEABILITY: INTERFACE DIMENSIONS PER MIL-DTL-32139
2. MATERIALS: SHELL: ALUMINUM 6061-T6, ELECTROLESS NICKEL PLATED PER AMS2404
 INSULATOR: LCP (LIQUID CRYSTAL POLYMER) GLCP-30F PER ASTM 5138
 CONTACT: BRASS ALLOY 210 PER ASTM B135, GOLD PLATED PER ASTM B488
 LEADS: 30 AWG, SAE-AS22759/33, COLOR CODED PER MIL-DTL-681, SYSTEM 1, EXCEPT USING 10 SOLID REPEATING COLORS
1. MARKINGS: UMI, DATE CODE AND WITH "J" M32139/04-G12TN"
- NOTES: UNLESS OTHERWISE SPECIFIED

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	SEE PROJECTION	
CRITICAL =	3 PLACE ±.005	PER 07-15-19			
S =	2 PLACE ±.010	CHECKED BY & DATE			
	ANGULAR ±2°	SEE ECN			
		APPROVED BY & DATE			
		SEE ECN			
		CAD FILENAME			
		SD-321471237.DWG			
		PART NO.			
		321471237			
		DRAWING NO.			
		SD-321471237			
		SHEET NO.			
		1 OF 1			
		PART REV			

TITLE: NANO-D DUAL ROW CONNECTOR
 FEMALE, SIZE 51, NML51-2S07-30Y6-36.0 S01

MATERIAL:

CONNECTOR INC.