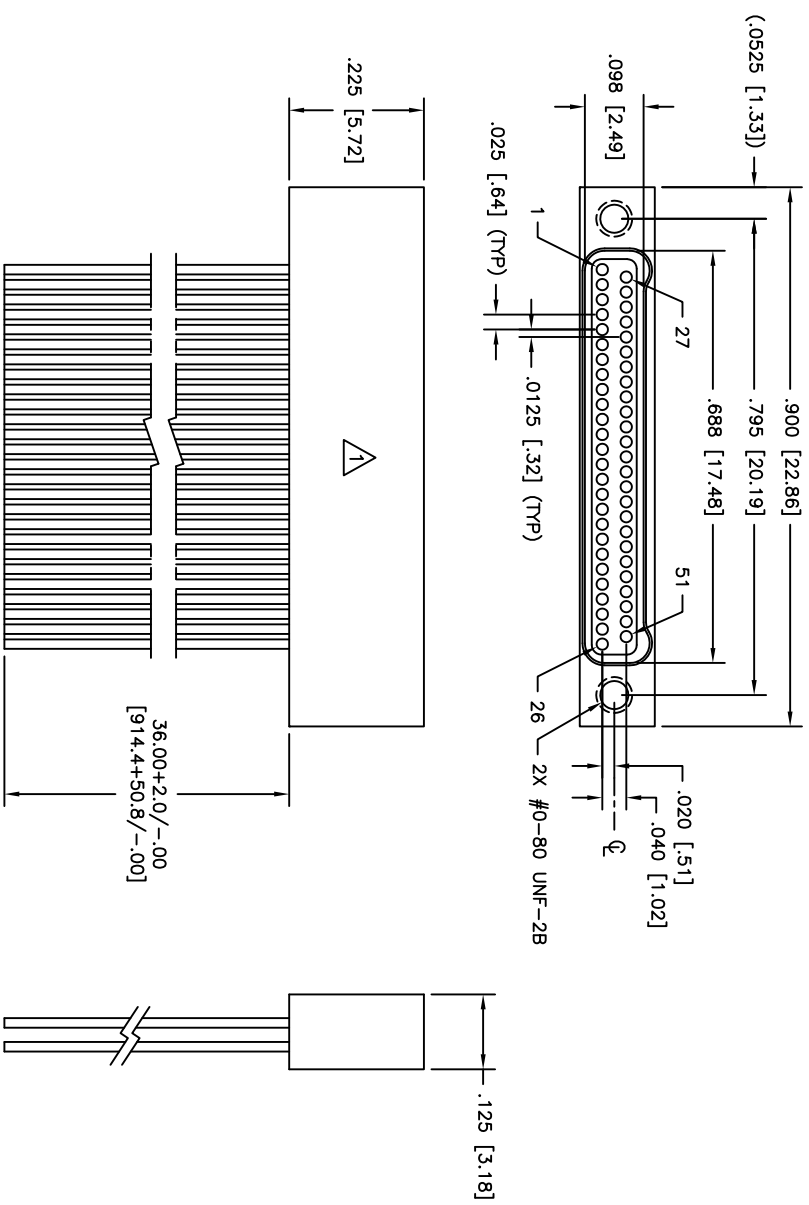


PART DWG	DATE	ECN NO.	APPD BY	REL BY
REV				
ISSUE	07/26/19	UM17223	TPOWBART	PER

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: 300 SERIES STAINLESS STEEL, PASSIVATED PER AMS2700
 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-G12TS"

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:	5:1	B		
CRITICAL =	3 PLACE ±.005	DRAWN BY & DATE	07-15-19	TITLE:	NANO-D DUAL ROW CONNECTOR
C =	2 PLACE ±.010	CHECKED BY & DATE		FEMALE, SIZE 51, NML51-2S07-30Y6-36.0 S09	
SPC =	ANGULAR ±2°	APPROVED BY & DATE		MATERIAL:	
Uti-Mate		SEE ECN			
58967		CAD FILENAME	SD-321476237.DWG	PART NO.	321476237
				DRAWING NO.	SD-321476237
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO UTI-MATE			
		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			
				SHEET NO.	1 OF 1
				PART REV	