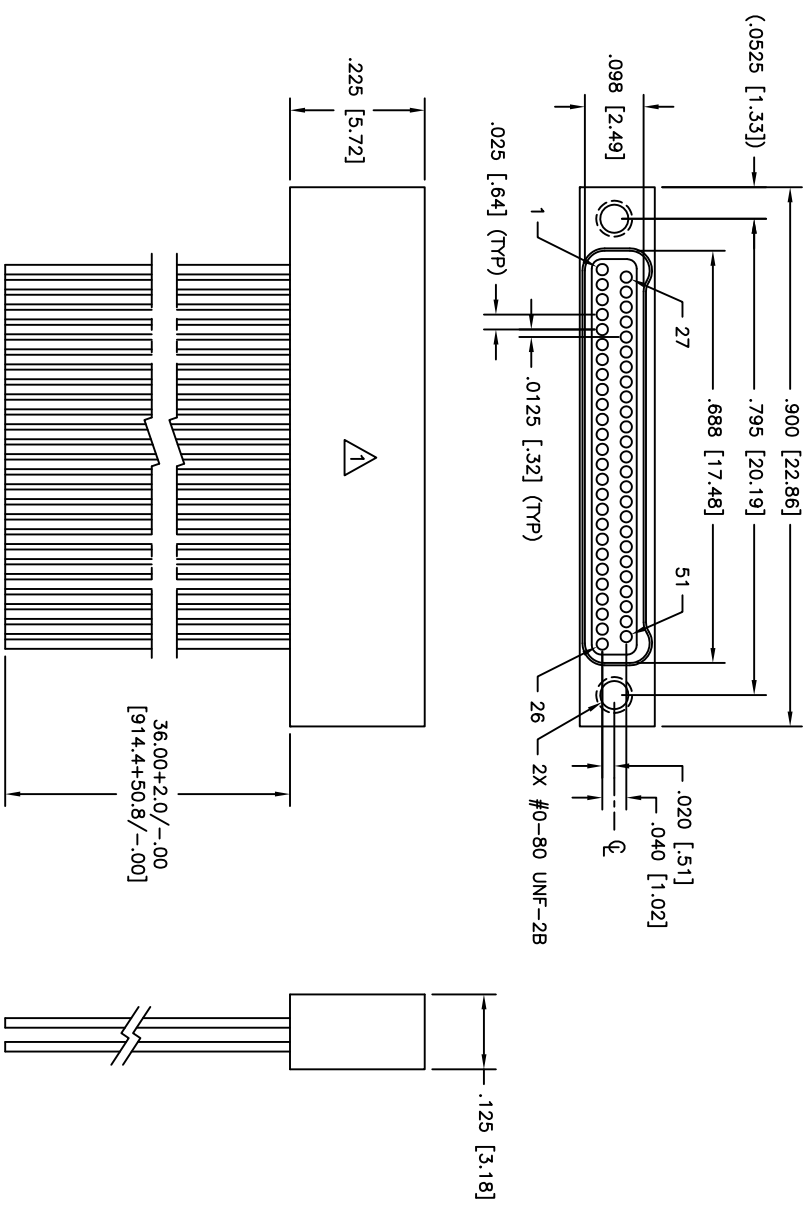


PART DWG	DATE	ECN NO.	APPD BY	REL BY
REV	ISSUE			
-	-	07/26/19	UMI7223	T-POWBAKT
				PER

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



- 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
  - INTERMATEABILITY: INTERFACE DIMENSIONS PER MIL-DTL-32139
  - 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, NEMA HP3, TYPE ET, COLOR CODED PER MIL-DTL-681, SYSTEM 1,  
 EXCEPT USING 10 SOLID REPEATING COLORS
  - MARKINGS: UMI, DATE CODE AND WITH "J M32139/04-0606TS"
- 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		
C =	2 PLACE ±.010	CHECKED BY & DATE			
S =	ANGULAR ±2°	APPROVED BY & DATE			
SPC =		SEE ECN			
Uti-Mate		CAD FILENAME	SD-321476637.DWG		
		PART NO.	321476637		
		DRAWING NO.	SD-321476637		
		SHEET NO.	1 OF 1		
		PART REV			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO UTTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

TITLE: NANO-D DUAL ROW CONNECTOR  
 FEMALE, SIZE 51, NML51-2S07-30F6-36.0 S09