



**NOTES:**

- 1 ELECTRICAL CHARACTERISTICS:
  - 1-1 CONTACT RESISTANCE: 30 mOhm Max.
  - 1-2 INSULATION RESISTANCE: 100 MOhm Min. at 500VDC.
  - 1-3 BREAKDOWN VOLTAGE: 500 VAC PER MINUTE.
- 2. MECHANICAL CHARACTERISTICS:
  - 2-1 TIGHTENING TORQUES: 1.0~1.2Nm(8.85~10.62lbf.in.).
- 3. ENVIRONMENTAL:
  - 3-1 OPERATING TEMPERATURE: -40°C TO +105°C.
  - 3-2 SEALING REQUIREMENTS: IP68.

J	LIQUID GLUE	1	N/A	BLACK
I	O-RING	1	VITON	RED
H	BODY	1	PA66+GF	BLACK
G	FEMALE PIN	*	COPPER ALLOY	6u" GOLD PLATING OVER NICKEL PLATING
F	SCREW NUT	1	BRASS	NICKEL PLATING
E	SCREW NUT	1	BRASS	BLACK
D	GASKET	1	SILICONE	BLACK
C	CLAMP RING	1	PC	BLACK
B	SEAL	1	EPDM	BLACK
A	SEALING NUT	1	PC	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: X :±0.5  
 X.X :±0.3  
 X.XX :±0.2

ANGLES: X :±2°  
 X.X :±1°

**CnC Tech, LLC**

TITLE	M12 Extension, Connector IP68 - Female, Code A, 180°, for AWG24/22 *5C			
DWN	Vicky	PART NO.	510F-3032-W05	
CHKD	Harlen	SCALE	2:1	UNIT: mm
APVD	Quan	SIZE:	A3	SHEET: 1 OF 1 REV: A

**CUSTOMER COPY**