



Notes:

- Materials and Treatments
 - Housing: High Temperature Plastic , UL 94 V-0 Black
 - Contact: Copper Alloy , Gold Plating
 - Hexagonal Copper Post: Stainless Steel
 - Nut: Stainless Steel
 - Metal Gasket: Stainless Steel
 - Seal: Epoxy Resin
- Mechanical Performance
 - Mounting Hexagonal Copper Post Torque: 0.2 N·m MAX.
 - Durability: 2000 Mating Cycles
 - Mating & Unmating Force: 3 oz (85 g) Typical Per Contact
 - Vibration: EIA-364-28 Test Condition III
 - 20 g's With No Discontinuities > 1 Microsecond
 - Shock: EIA-364-27 Test Condition D
 - 50 g's With No Discontinuities > 1 Microsecond
- Electrical Performance
 - Contact Resistance: 26 Milliohms Max (65 mV drop)@2.5 AMPS
 - Rated Current: 3A Per Pin
 - Withstanding Voltage: 600V AC
 - Insulation Resistance: 5000 Meg ohms @ 500 VDC
- Environmental Performance
 - Operating Temperature: -55°C to +125°C
- Meets RoHS Directive (2015/863/EU)
- Wire Size: Stranded AWG 28

ENGINEERING CORPORATION
 NEXTRONICS
 ISSUE DATE
 2020/03/27
nexttron
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X1	NEW RELEASE	2020/03/27
REV.	DESCRIPTION	DATE

UNITS: ■ mm □ inch	SIZE A3	NAME: Micro D-sub Female Connector With Female Contacts	nexttron NEXTRONICS ENGINEERING CORP.		
GENERAL TOLERANCE: (UNLESS SPECIFIED)		PART NO: Z-J0311001V09G	TITLE: CUSTOMER DWG.		
	mm	inch	APPD: James詹啟榮	2020/03/27	DWG NO: 010-0000-S38
4 PLACE	± **.05	± **.002	CHKD: James詹啟榮	2020/03/27	
3 PLACE	± 0.10	± **.002	DRAW: Ellen孫郁婷	2020/03/27	SCALE SHEET REV. 3.5/1 1/1 X1
2 PLACE	± 0.15	± **.002	DESIGN: Ken陳博勳	2020/03/27	
1 PLACE	± 0.20	± **.002			
ANGLES	X° ± 2°				