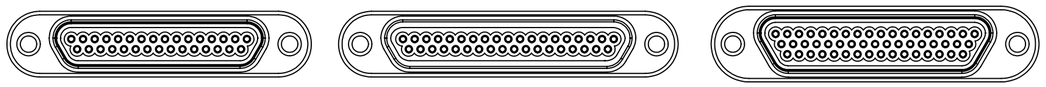
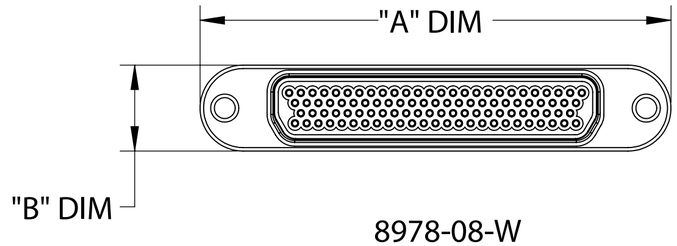
PART # A8978-00-W	REV.	SHEET 1 OF 1

8978-01-W 8978-02-W 8978-03-W 8978-04-W



8978-05-W 8978-06-W 8978-07-W



8978-08-W

PART #	# OF PINS	"A" DIM	"B" DIM
8978-01-W	9	19.05	7.11
8978-02-W	15	22.85	7.11
8978-03-W	21	26.67	7.11
8978-04-W	25	29.20	7.11
8978-05-W	31	33.02	7.11
8978-06-W	37	36.83	7.11
8978-07-W	51	35.56	8.20
8978-08-W	100	51.08	9.32

- DOUBLE-ENDED CONFIGURATION WITH THE WELD INTERFACE AT THE TOP (VACUUM SIDE - MALE (0.46MM PINS), AIRSIDE - FEMALE
- DESIGNED TO LASER WELD INTO AN ELECTRONIC CHASSIS WALL OR FLANGE
- AMBIENT INTERFACE CONFORMS TO MIL-DTL-83513/2

1. MATERIALS:
   CONTACTS: BERYLLIUM-COPPER ALLOY 172/173 IN ACCORDANCE WITH ASTM B196/197.
   DIELECTRIC: CERAMAX PROPRIETARY CERAMIC.
   SHELL: STAINLESS STEEL 304L IN ACCORDANCE WITH SAE AMS-QQ-S-763.
   INTERFACIAL SEAL: FLUOROSILICONE RUBBER, CLASS 1, TYPE 2, GRADE 40 TO 60 IN ACCORDANCE WITH MID-R-25988

2. FINISH:
   CONTACTS: NICKEL PLATE PER QQ-N-290, 25 / 64 µm THICK.
   GOLD PLATE PER ASTM B488-11, TYPE III, CODE A, 12 / 25 µm THICK.

   SPECIFICATIONS:
   1. VOLTAGE: 300 VOLTS DC
   2. CURRENT: 3 AMPS PER PIN
   3. TEMPERATURE RATING: -269 TO 450°C WITHOUT CONNECTOR
   4. LEAK RATE < 1X10-9 ATM CC/SEC HE

Micro-D type Multipin Feedthrough, 300 Volts, 3 Amps per pin, Weldable

VACUUM TECHNOLOGY Hositrad

UNLESS OTHERWISE SPECIFIED:				N/A	
DIMENSIONS ARE IN MM				NAME	DATE
TOLERANCES:			DRAWN		9/11/2017
ANGULAR: MACH	± 1/2 °		CHECKED		9/11/2017
TWO PLACE DECIMAL	± 0.75		ENG APPR.		9/11/2017
THREE PLACE DECIMAL	± 0.4		THIRD ANGLE:		TITLE: MULTIPIN, MICRO-D, 300V, 3A, WELD ADAPTER
MATERIAL			APPLICATION		
			NEXT ASSY	USED ON	
FINISH			SURFACE FINISH: 63 OR BETTER		DWG. NO. Micro-D 8978-00-W / REV A
PLATING			UNLESS OTHERWISE SPECIFIED: ALL DIAMETERS CONCENTRIC WITHIN 0.12 REMOVE ALL BURRS AND SHARP EDGES		