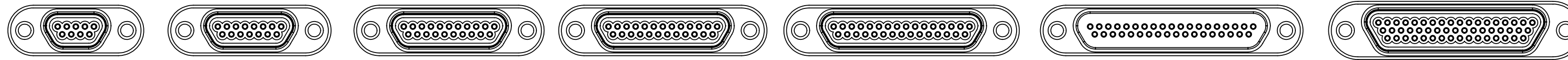


MPF PRODUCTS INC.



A8978-1-W

A8978-2-W

A8978-3-W

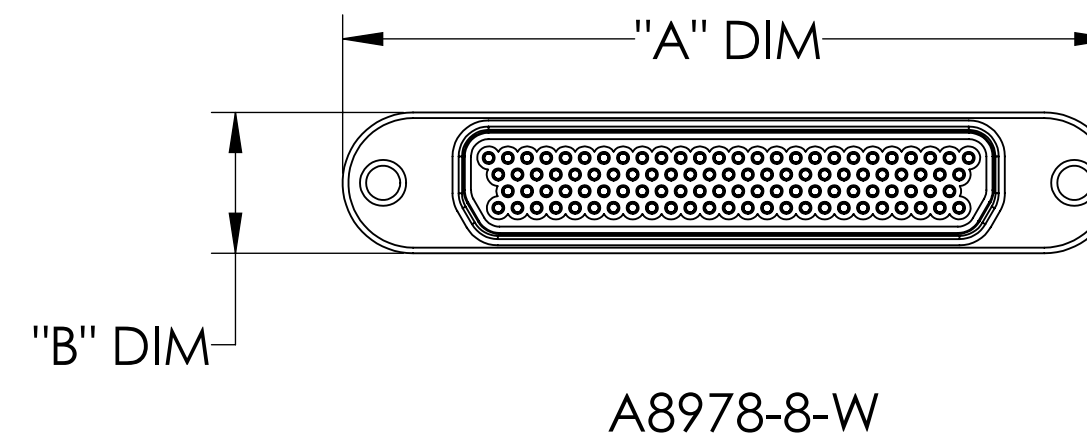
A8978-4-W

A8978-5-W

A8978-6-W

A8978-7-W

PART #	# OF PINS	"A" DIM	"B" DIM
A8978-1-W	9	0.750	0.28
A8978-2-W	15	0.900	0.28
A8978-3-W	21	1.050	0.28
A8978-4-W	25	1.150	0.28
A8978-5-W	31	1.300	0.28
A8978-6-W	37	1.450	0.28
A8978-7-W	51	1.400	0.323
A8978-8-W	100	2.011	0.367



A8978-8-W

- DOUBLE-ENDED (STANDARD FEMALE RECEPTACLE) CONFIGURATION WITH THE WELD INTERFACE AT THE TOP
- DESIGNED TO LASER WELD INTO AN ELECTRONIC CHASSIS WALL OR FLANGE
- AMBIENT INTERFACE CONFORMS TO MIL-DTL-83513/2
- VACUUM INTERFACE MATES WITH MPF NONHERMETIC A49601 SERIES CONNECTOR/CABLE ASSEMBLY ONLY

1. MATERIALS:

CONTACTS: BERYLLIUM-COPPER ALLOY 172/173 IN ACCORDANCE WITH ASTM B196/197.

DIELECTRIC: CERAMAX PROPRIETARY CERAMIC.

SHELL: STAINLESS STEEL ALLOY 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, .000100/ .000250 THICK.

GOLD PLATE PER ASTM B488-11, TYPE III, CODE A, .000050/ .000100 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 <math> < 1 \times 10^{-9}</math> ATM CC/SEC HE

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

UNLESS OTHERWISE SPECIFIED:	QUOTATION #		N/A
DIMENSIONS ARE IN INCHES	NAME	DATE	MPF PRODUCTS INC.
TOLERANCES:	DRAWN	9/11/2015	
ANGULAR: MACH $\pm 1/2^\circ$	CHECKED	9/11/2015	
TWO PLACE DECIMAL $\pm .030$	ENG APPR.	9/11/2015	
THREE PLACE DECIMAL $\pm .015$	THIRD ANGLE:		MULTIPIN, MICRO-D, 300V, 3A, WELD ADAPTER
MATERIAL			
FINISH	APPLICATION		DOWNLOADED FROM MPFPI.COM
PLATING	NEXT ASSY	USED ON	
	SURFACE FINISH: $\sqrt{32}$ OR BETTER		DWG. NO.
	UNLESS OTHERWISE SPECIFIED:		A8978
	ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		REV
	Thursday, October 31, 2019 1:52:36 PM		