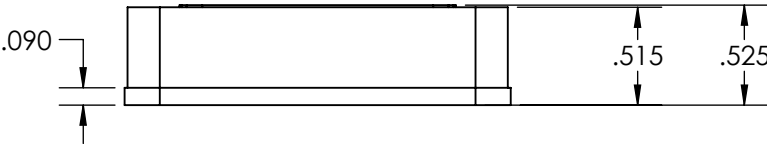
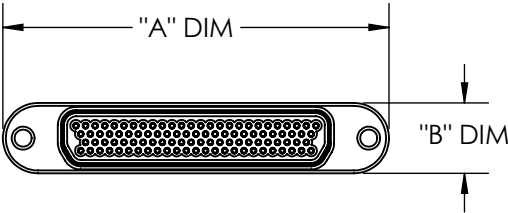


A8978

REV
5/3/2013

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.
2. FINISH:
CONTACTS: NICKEL PLATE PER QQ-N-290, .000100/ .000250 THICK.
GOLD PLATE PER ASTM B488-01, TYPE II, CODE C, .000050/ .000100 THICK.
3. DOUBLE-ENDED (STANDARD FEMALE RECEPTACLE/CUSTOM RECEPTACLE) CONFIGURATION WITH THE WELD INTERFACE AT THE TOP
AMBIENT INTERFACE CONFORMS TO MIL-DTL-83513/2 (MPF PART # A9602)
VACUUM INTERFACE MATES WITH CONNECTOR A9601
INCORPORATES BERYLLIUM-COPPER CONTACTS INDIVIDUALLY SEALED TO ESTABLISH A DURABLE HERMETIC SEAL.

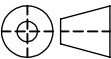


| PART # | # OF PINS | "A" DIM | "B" DIM |
|-----------|-----------|---------|---------|
| A8978-1-W | 9 | 0.750 | 0.28 |
| A8978-2-W | 15 | 0.900 | 0.28 |
| A8978-3-W | 21 | 1.050 | 0.28 |
| A8978-4-W | 25 | 1.150 | 0.28 |
| A8978-5-W | 31 | 1.300 | 0.28 |
| A8978-6-W | 37 | 1.450 | 0.28 |
| A8978-7-W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

APPROVED

Micro-D type Multipin Feedthrough, 9,15,21,25,31,37,51, and 100 pin 300 Volts, 10 Amps per pin, Weldable

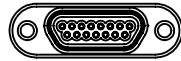
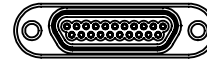
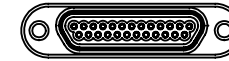
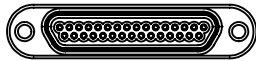
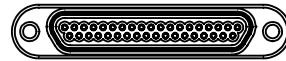
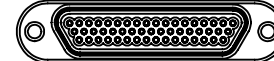
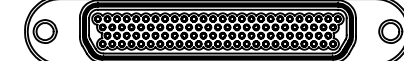
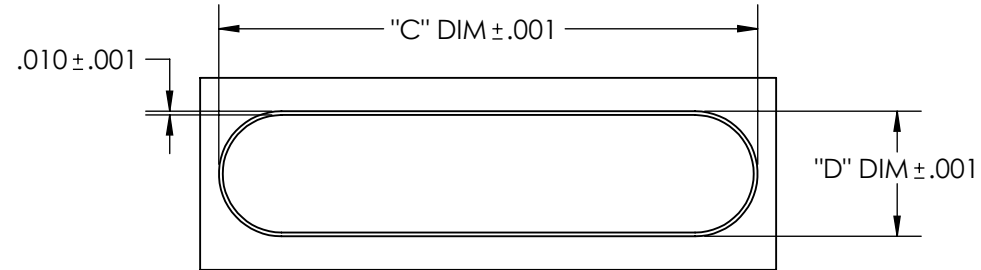
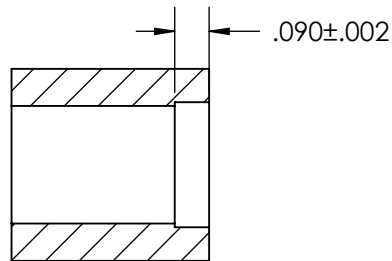
TITLE:
MULTIPIN, MICRO-D, 300V, 10A
9,15,21,25,31,37,51, AND 100 PIN WELD

| | | | | | | | | | | | | |
|---|--|--|---|-----------------------------|--|----------------------|-------------------|-----------|------------------|---------------------------------------|---------------------|---------------------------------|
| PROPRIETARY AND CONFIDENTIAL | | | | UNLESS OTHERWISE SPECIFIED: | | | MPF PRODUCTS INC. | | | 9,15,21,25,31,37,51, AND 100 PIN WELD | | |
| ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MPF PRODUCTS INC. IS PROHIBITED. | | DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACH ± 1/2 ° TWO PLACE DECIMAL THREE PLACE DECIMAL |  | FINISH | | DRAWN BY | JB | DATE | SIZE A | DWG. NO. A8978 | REV 5/3/2013 | |
| | | | | WELDABLE | | CHECKED | | | | | | |
| USED ON: | | | | | | DO NOT SCALE DRAWING | | ENG APPR. | JB | | LAST SAVED DATE | Friday, May 03, 2013 9:02:00 AM |

A8978

REV

5/3/2013

A8978-1-W
9 PINA8978-2-W
15 PINA8978-3-W
21 PINA8978-4-W
25 PINA8978-5-W
31 PINA8978-6-W
37 PINA8978-7-W
51 PINA8978-8-W
100 PIN

| PART # | # OF PINS | "C" DIM | "D" DIM |
|-----------|-----------|---------|---------|
| A8978-1-W | 9 | 0.753 | 0.283 |
| A8978-2-W | 15 | 0.903 | 0.283 |
| A8978-3-W | 21 | 1.053 | 0.283 |
| A8978-4-W | 25 | 1.153 | 0.283 |
| A8978-5-W | 31 | 1.303 | 0.283 |
| A8978-6-W | 37 | 1.453 | 0.283 |
| A8978-7-W | 51 | 1.403 | 0.326 |
| A8978-8-W | 100 | 2.014 | 0.370 |

APPROVED

Micro-D type Multipin Feedthrough, 9,15,21,25,31,37,51, and 100 pin 300 Volts, 10 Amps per pin, Weldable

TITLE:

MULTIPIN, MICRO-D, 300V, 10A
9,15,21,25,31,37,51, AND 100 PIN WELD

PROPRIETARY AND CONFIDENTIAL

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WRITTEN PERMISSION OF MPF PRODUCTS INC. IS PROHIBITED.

USED ON:

DIMENSIONS ARE IN INCHES
TOLERANCES:ANGULAR: MACH $\pm 1/2^\circ$
TWO PLACE DECIMAL
THREE PLACE DECIMAL $\pm .030$
 $\pm .015$ FINISH
WELDABLE

DO NOT SCALE DRAWING

DRAWN BY

CHECKED

ENG APPR.

DATE

SIZE

A

DWG. NO.

A8978

REV

5/3/2013

LAST SAVED DATE

Friday, May 03, 2013 9:02:00 AM