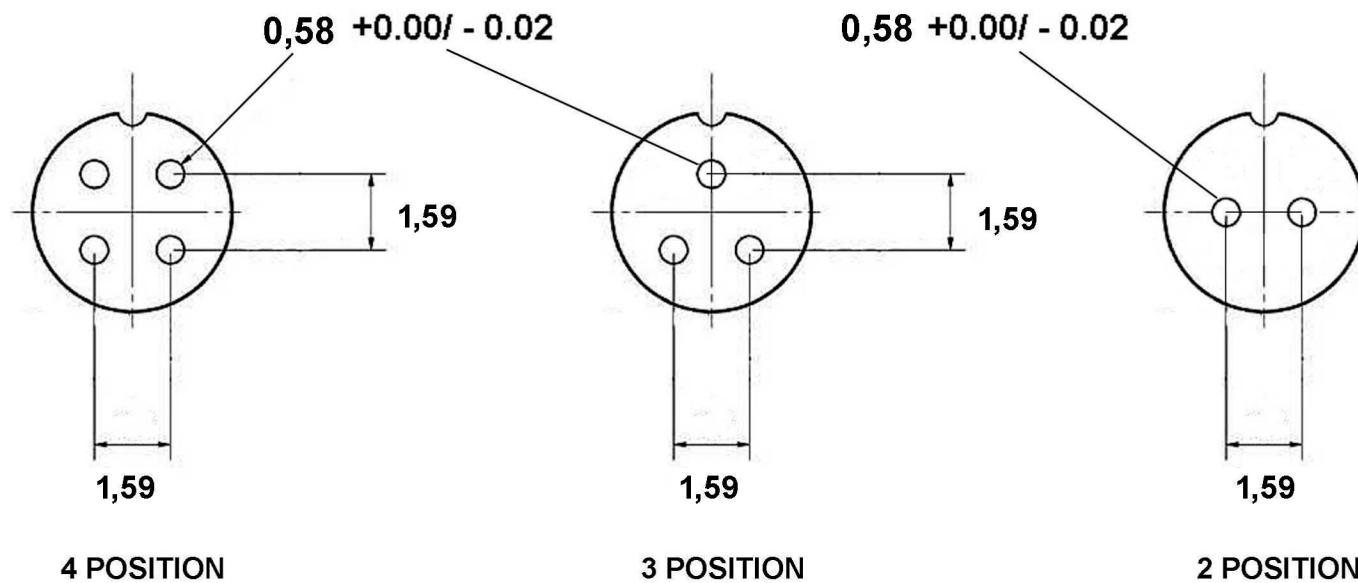
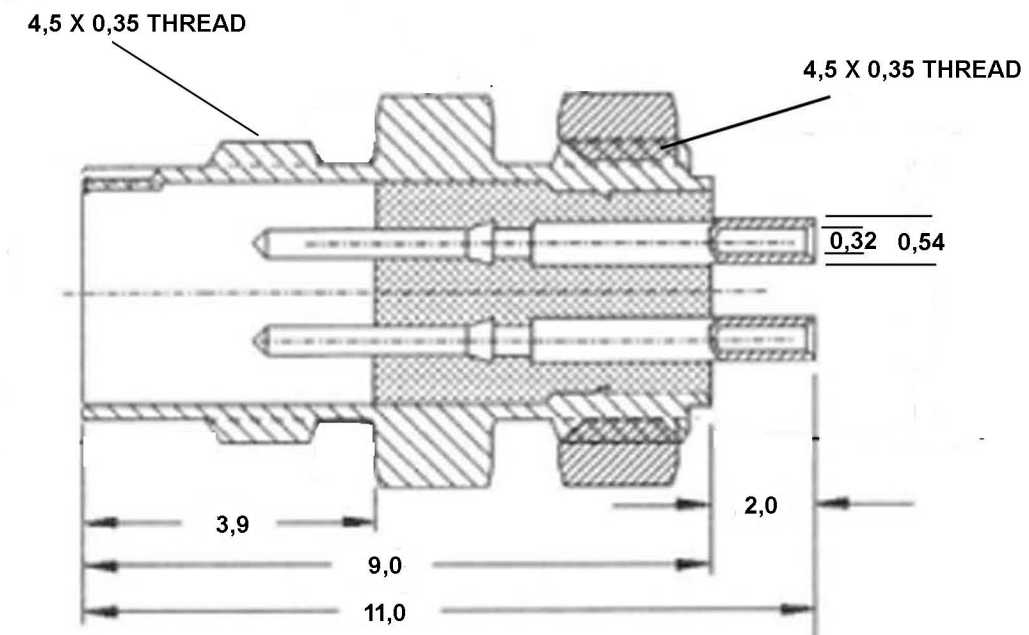


NOTES:

1. MATERIALS: "G" STYLE
- 1.1 SHELL, FERRULE
BRASS PER QQ-B-626
FINISH: GOLD, OVER
ELECTROLESS NICKEL
PER MIL-G-45204, TYP 2, CLASS 1
- 1.2 INSERT
PEEK, GLASS FILLED PER
MIL-P-46183
- 1.3 CONTACTS
COPPER ALLOY
FINISH: GOLD PER MIL-G-45204
- 1.4 GASKETS
SILICONE RUBBER PER AMS 3304
- 1.5 ALTERNATE SHELL MATERIALS
AND FINISHES:
"M" STYLE: BRASS, WITH
ELECTROLESS NICKEL FINISH
PER AMS-C-26074, CLASS 4, GRADE B
"A" STYLE: BRASS, WITH GOLD PLATE,
BLACK CHROMATE
"K" STYLE: STAINLESS STEEL,
300 SERIES, WITH PASSIVATION

REVISION HISTORY

REVISION	DATE	COMMENT
0	02 /10 / 17	INITIAL RELEASE



UNLESS OTHERWISE NOTED:
DIMENSIONS ARE IN MILLIMETERS
DO NOT SCALE THIS DRAWING

.X DECIMALS ARE ± 0.5
.XX DECIMALS ARE ± 0.25
.XXX DECIMALS ARE ± 0.13

ANGLES ARE $\pm 0.5^\circ$

DRAWING

SC

MILSPECWEST - MICRO PRODUCTS
CAGE CODE: 3HD49

CHECKED

TS

DESCRIPTION:
ULTRA MICRO JAM NUT
MOUNT RECEPTACLE

Q.A.

KB

DWG. NO.
MSWU-* -D-***

REVISION: 0

SHEET 1 OF 2

THIS DOCUMENT IS SOLE PROPERTY OF MILSPECWEST AND IS ISSUED IN STRICT CONFIDENCE THAT IT WILL NOT BE REPRODUCED IN ANY WAY OR USED TO SOLICIT BUSINESS OF A COMPETITIVE NATURE. DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED UNLESS WRITTEN CONSENT IS OBTAINED FROM MILSPECWEST. THIS DOCUMENT IS SUITABLE FOR ENGINEERING EVALUATION AND MAY BE USED IN TECHNICAL SPECIFICATIONS.

1

2

3

4

5

6

7

8

NOTES:

1. MATERIALS: "G" STYLE

1.1 SHELL, FERRULE

BRASS PER QQ-B-626

FINISH: GOLD, OVER

ELECTROLESS NICKEL

PER MIL-G-45204, TYP 2, CLASS 1

1.2 INSERT

PEEK, GLASS FILLED PER

MIL-P-46183

1.3 CONTACTS

COPPER ALLOY

FINISH: GOLD PER MIL-G-45204

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AND FINISHES:

"M" STYLE: BRASS, WITH

ELECTROLESS NICKEL FINISH

PER AMS-C-26074, CLASS 4, GRADE B

"A" STYLE: BRASS, WITH GOLD PLATE,

BLACK CHROMATE

"K" STYLE: STAINLESS STEEL,

300 SERIES, WITH PASSIVATION

PART NUMBER BREAKDOWN

MSWU - G - D - 04 P

P = PIN

S = SOCKET

NUMBER OF CONTACTS

02

03

04

SHELL SIZE (SEE TABLE 2)

BODY STYLE

B = PLUG

R = IN LINE RECEPTACLE

C = STRAIGHT PCB MOUNT

D = FRONT PANEL JAM NUT MOUNT

E = FRONT PANEL SOLDER MOUNT

F = RIGHT ANGLE PCB MOUNT

FINISH AND MATERIAL

G = BRASS WITH GOLD OVER ELEC NICKEL

M = BRASS WITH ELECTROLESS NICKEL

A = BRASS WITH BLACK ANODIZE

K = STAINLESS STEEL WITH PASSIVATION

BASIC PART NUMBER

THIS DOCUMENT IS SOLE PROPERTY OF MILSPECWEST AND IS ISSUED IN STRICT CONFIDENCE THAT IT WILL NOT BE REPRODUCED IN ANY WAY OR USED TO SOLICIT BUSINESS OF A COMPETITIVE NATURE. DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED UNLESS WRITTEN CONSENT IS OBTAINED FROM MILSPECWEST. THIS DOCUMENT IS SUITABLE FOR ENGINEERING EVALUATION AND MAY BE USED IN TECHNICAL SPECIFICATIONS.

REVISION HISTORY

REVISION

DATE

COMMENT

0

02/17/2017

SPECIFICATIONS:

ELECTRICAL:

ELECTRICAL RESISTANCE:

10,000 M OHMS PER MIL-C-22557

RATED WORKING VOLTAGE:

400V @ SEA LEVEL

DIELECTRICWITHSTANDING:

1,000 V @ SEA LEVEL PER MIL-C-22557

CONTACT VOLTAGE DROP:

4 mV @ 1 AMP PER MIL-C-22557

CONTACT RESISTANCE:

4 MOHM @ 1 AMP PER MIL-C-22557

CONTACT CURRENT RATING:

3 AMP

ENVIRONMENTAL:

VIBRATION:

MIL STD 202A METHOD 204 TEST COND B(15G's)

SHOCK:

MIL STD 202 METHOD 202, 300 G's NO EVIDENCE OF DAMAGE

TEMPERATURE CYCLING:

MIL STD 202 METHOD 102, CONDITION C

CORROSION (SALT SPRAY):

MIL STD 202 METHOD 10,COND B 5% SALT SOLUTION

MOISTURE RESISTANCE:

MIL STD 202C METHOD 106B, OMITTING STEO 7B

AND HIGH HUMIDITY TESTS

MECHANICAL:

CONTACTS:

CONTACTS ARE CONTRAINED IN BOTH DIRECTIONS

ENGAGING FORCE:

0.8NPER CONTACT

COUPLING RETENTION TORQUE:

60 Nmm

CONTACT DURABILITY:

5000 CYCLES WITHH CONTACT RESISTANCE

WITHIN MIN MIL-C-22557

CABLE RETENTION:

SEPARATION FORCE EQUAL TO BREAKING STRENGTH

OF SHIELD OF THE CABLE PER MIL-C-22557

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.X DECIMALS ARE ±0.5

.XX DECIMALS ARE ±0.25

.XXX DECIMALS ARE ±0.13

ANGLES ARE ±0.5°

DRAWING

SC

MILSPECWEST - MICRO PRODUCTS

CAGE CODE: 3HD49

DESCRIPTION:

ULTRA MICRO JAM NUT

MOUNT RECEPTACLEE

DWG. NO.

MSWU-*-D*-.***

REVISION: 0

SHEET 2 OF 2