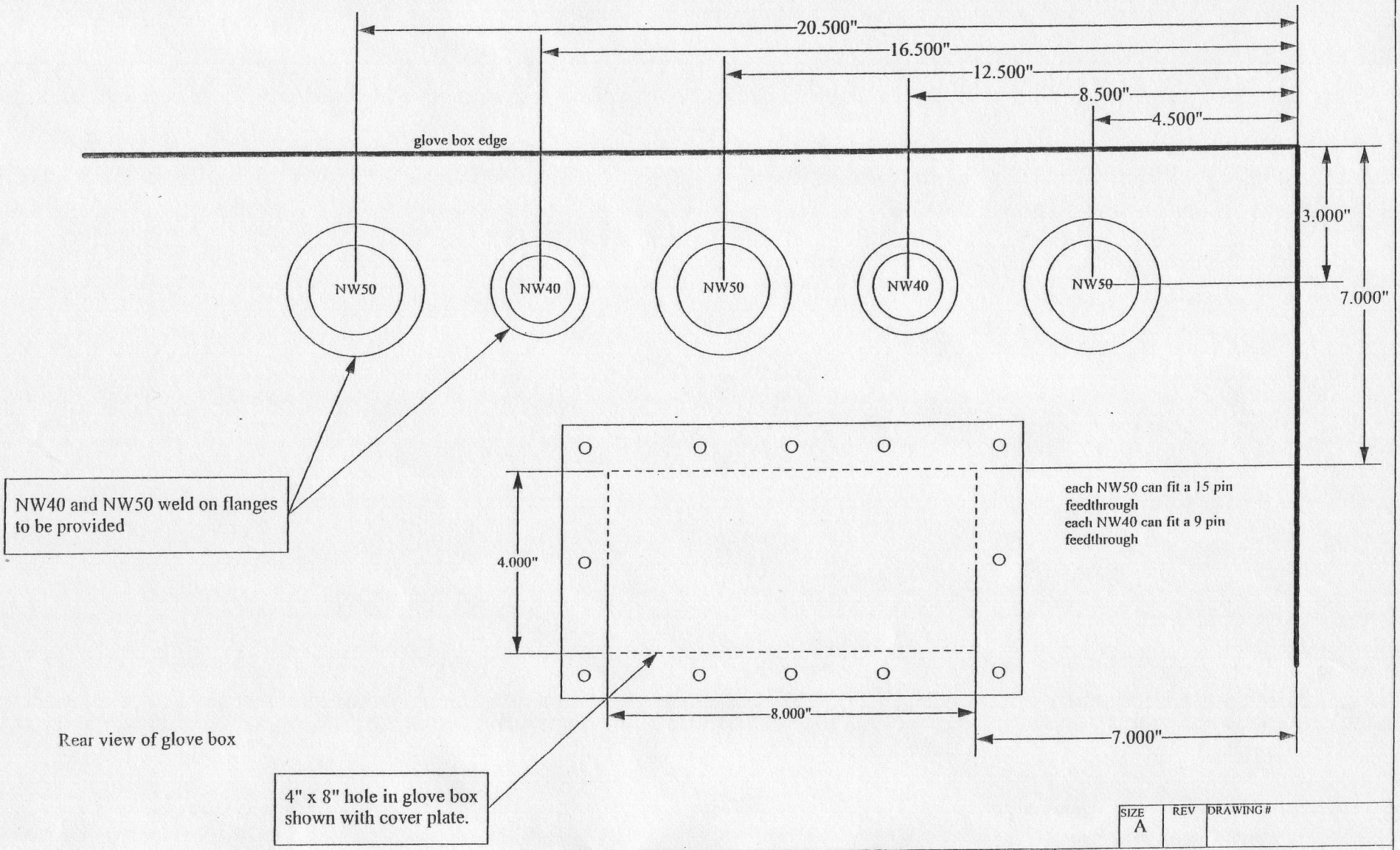


SIZE	REV	DRAWING #
A		

DWN BY	Leo Greiner	DATE	
COG. ENG.	Leo Greiner	DATE	

ALL SCREW THREADS PER ANSI 14.6
BREAK EDGES 0.020 MAX ON MACHINE WORK.
REMOVE BURRS, LOOSE SCALE AND WELD SPLATTER
REFERENCE - ANSI 14.5 & B46.1

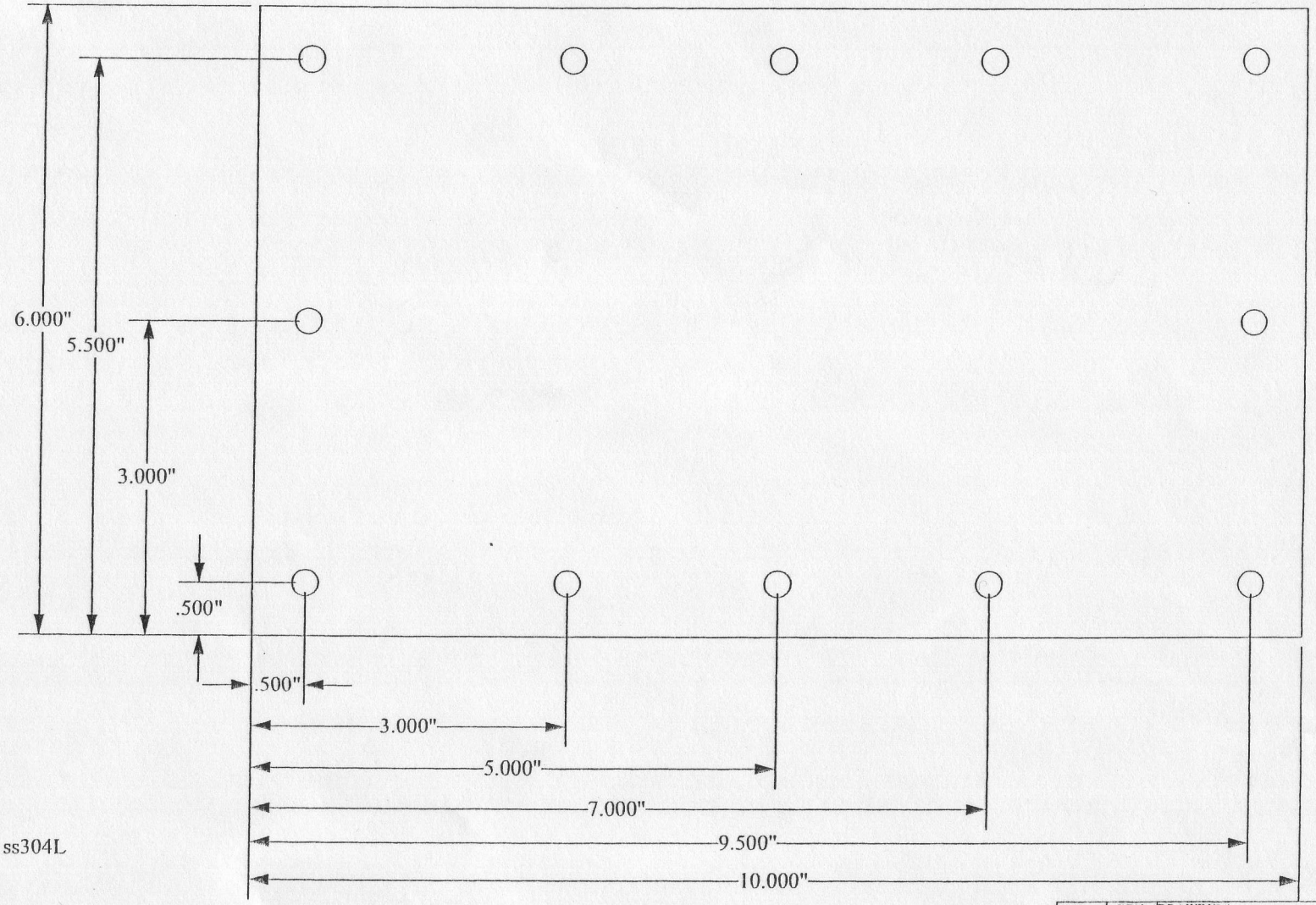
SCALE

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE INCHES
DECIMAL TOLERANCES
.X = ±0.06
.XX = ±0.02
.XXX = ±0.004
ANGULAR TOLERANCE ± 1 DEG.

UC Berkeley - Department of Physics
Freedman / KamLAND Group

TITLE



material: 0.125" ss304L
1 piece

SIZE	REV	DRAWING #
A		

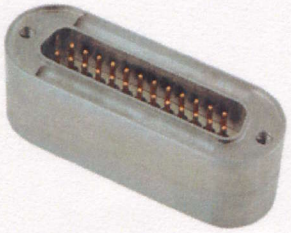
DWN BY: Leo Greiner	DATE	SCALE	UC Berkeley - Department of Physics Freedman / KamLAND Group
COG. ENG.: Leo Greiner	DATE	DO NOT SCALE DRAWING	TITLE: Glove Box Back Plate
ALL SCREW THREADS PER ANSI 14.6 BREAK EDGES 0.020 MAX ON MACHINE WORK. REMOVE BURRS, LOOSE SCALE AND WELD SPLATTER REFERENCE - ANSI 14.5 & B46.1		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES DECIMAL TOLERANCES .X = ±0.06 .XX = ±0.02 .XXX = ±0.004 ANGULAR TOLERANCE ± 1 DEG.	

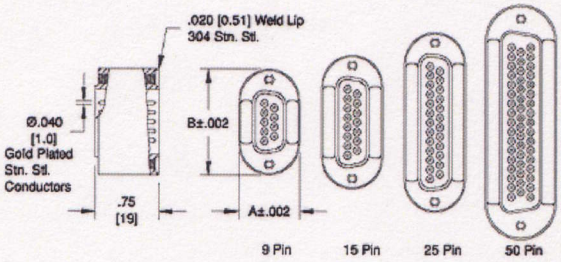
Ceramaseal Division
Online Catalog
Custom Quote
Literature
Technical Reference
Log In/Create Profile
Search GO!

Multipin Connector

Instrumentation: Sub D Type

Introduction | **Instrumentation: Sub D Type** | Instrumentation: MIL-C-26482 Type | Instrumentation: MIL-C-5015 Type | Power: MIL-C-5015 Type | High Voltage | Downloadable PDF Catalog (5MB)





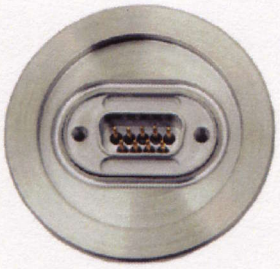
MIL-C-24308 Type

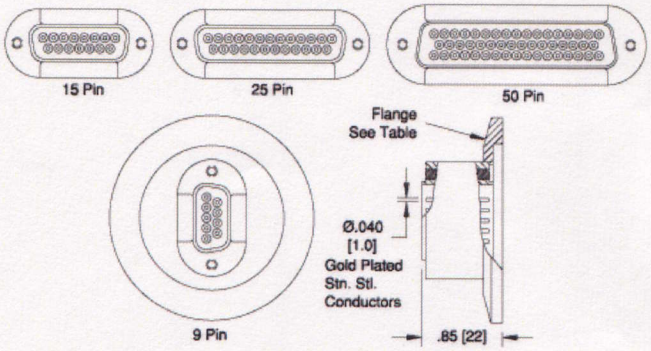
Receptacle: Double Ended
Number of Conductors: See Table
Installation: Weld

	Voltage DC	Conductors Qty	Conductors Amps	Dimensions A	Dimensions B	Pressure @ 20 °C PSIG	Pressure @ 20 °C Bar	Temperature °C Min	Temperature °C Max	Magnetic Materials	Part Number	Price
2X	500 V	9	2.5	0.720 [18.29]	1.234 [31.34]	1350	93.1	-269	450	No	16800-01-W	$220.00
2X	500 V	15	2.5	0.720 [18.29]	1.562 [39.67]	1250	86.2	-269	450	No	16801-01-W	$235.00
2X	500 V	25	2.5	0.720 [18.29]	2.102 [53.39]	1200	82.7	-269	450	No	16802-01-W	$260.00
	500 V	50	2.5	0.832 [21.13]	2.738 [69.54]	900	62.1	-269	450	No	16804-01-W	$350.00

Sub D Type welding instructions PDF file. Sub D Type weld prep groove instructions PDF file. For .040 lead attachment click here.

Top ▲





MIL-C-24308 Type

Receptacle: Double Ended
Number of Conductors: See Table
Installation: ISO Flange

Voltage DC	Conductors Qty	Conductors Amps	Flange ISO	Pressure @ 20 °C* PSIG	Pressure @ 20 °C* Bar	Temperature °C Min	Temperature °C Max	Magnetic Materials	Part Number	Price
500 V	9	2.5	NW40KF	0	0	-25	205	No	18605-01-KF	$270.00
500 V	15	2.5	NW50KF	0	0	-25	205	No	18606-01-KF	$310.00
500 V	25	2.5	NW63LF	0	0	-25	205	No	20306-01-CLF	$433.00
500 V	50	2.5	NW100LF	0	0	-25	205	No	20307-01-CLF	$575.00

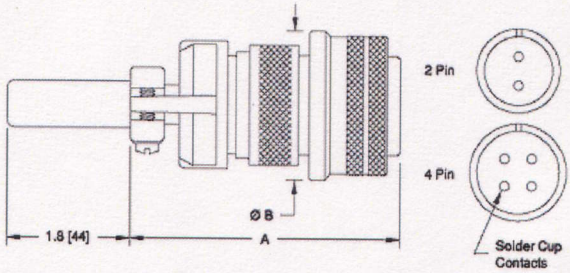
* An overpressure ring is required for internal pressurized use from 5 to 100 psig [0.3 to 7 bar]. For KF flange assembly instructions click here. Note that CLF designates clamp style Large Flange and KF refers to the tapered Kwik Flange style. Bolt type Large Flanges are available upon request. For .040 lead attachment click here.

Ceramaseal Division
Online Catalog
Custom Quote
Literature
Technical Reference
Log In/Create Profile
Search GO!

Multipin Connector

Power: MIL-C-5015 Type

Introduction | Instrumentation: Sub D Type | Instrumentation: MIL-C-26482 Type | Instrumentation: MIL-C-5015 Type | Power: MIL-C-5015 Type | High Voltage | Downloadable PDF Catalog (5MB)



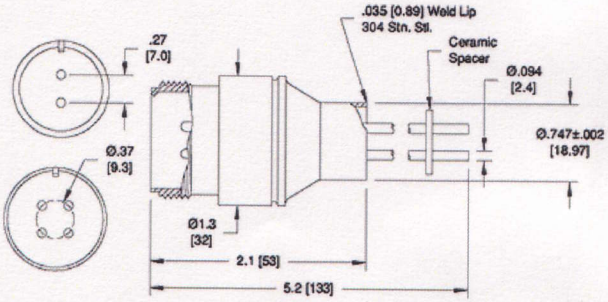
Plug: Air Side

Number of Contacts: See Table
Insulator: Diallyl Phthalate

Voltage DC	Qty	Contacts Amps	Contacts Material	Dimensions A	Dimensions B	Temperature °C Min	Temperature °C Max	Magnetic Materials	Part Number	Price
700 V	2	23	Copper Alloy	2.5 [63]	1.2 [32]	-55	125	No	18600-01-A	$26.00
700 V	4	23	Copper Alloy	2.6 [65]	1.4 [36]	-55	125	No	18600-02-A	$38.00

For MIL-C-5015 Type plug assembly instructions click here. For contact assembly instructions click here.

Top



Receptacle: Single Ended

Number of Conductors: See Table
Installation: Weld

Voltage DC	Qty	Conductors Amps	Conductors Material	Pressure @ 20 °C PSIG	Pressure @ 20 °C Bar	Temperature °C* Min	Temperature °C* Max	Magnetic Materials	Plug Included	Part Number	Price
700 V	2	16	Nickel	475	33	-269	450	Yes	Yes	18093-01-W	$205.00
700 V	2	16	Nickel	475	33	-269	450	Yes	No	18093-02-W	$179.00
700 V	2	23	Molybdenum	475	33	-269	450	Yes	Yes	18093-03-W	$215.00
700 V	2	23	Molybdenum	475	33	-269	450	Yes	No	18093-04-W	$189.00
2x — 700 V	4	16	Nickel	475	33	-269	450	Yes	Yes	18093-05-W	$260.00
700 V	4	16	Nickel	475	33	-269	450	Yes	No	18093-06-W	$222.00
700 V	4	23	Molybdenum	475	33	-269	450	Yes	Yes	18093-07-W	$280.00
700 V	4	23	Molybdenum	475	33	-269	450	Yes	No	18093-08-W	$242.00

* Temperature ratings are with plug disconnected. For welding instructions click here. For .154 lead attachment click here.

Top