

Ø .71 [18.0]  
BOTH SIDES

GOLD PLATED COPPER ALLOY  
CRIMP PIN CONTACTS

.629 [15.97]  
4 PLS

MATES WITH  
FA42256

4X Ø .095 [2.41]

2X .91 [23.2]

.57 [14.4]  
.082 [2.08]

18-8 STN STL  
RETAINING RING

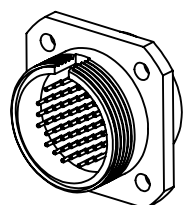
PEEK DIELECTRIC  
MATERIAL

.27 [6.9] .21 [5.4]

#### PERFORMANCE SPECIFICATIONS

VOLTAGE (DWV):	250V DC
CURRENT	2.3 AMPS*
TEMPERATURE (CONTINUOUS):	-55°C TO 150°C
TEMPERATURE (SHORT TERM)	-55°C TO 200°C

\*CURRENT FOR A SINGLE PIN (60°C  
HEAT RISE). DE-RATING MAY BE REQUIRED  
WHEN RUNNING MULTIPLE CONTACTS  
AT FULL CURRENT.



SCALE 1:1

REFER TO INSTRUCTION SHEET "NS41656" FOR ASSEMBLY INSTRUCTIONS

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THIRD ANGLE  
PROJECTION



TITLE

55 PIN NON-HERMETIC RECEPTACLE



**SOLID SEALING**  
TECHNOLOGY

REV.	APP'D	DATE	SCALE 3:1	DIMENSIONS IN INCHES [mm]	DRAWN	HJ	04/13/2021
A2	HJ	07/19/2021	MSRC0001-13		ENG APPR.	HJ	04/20/2021

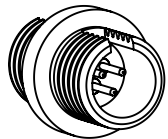
PART NO. FA42375 REV. A

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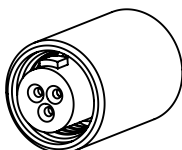
SALES DWG NO. FA42375SL REV. A2

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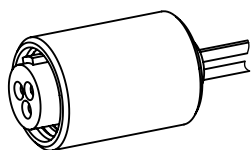
## 3 PINS



HERMETIC  
FEEDTHRU  
FA42916  
(LASER WELD ONLY)

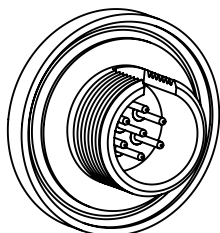


PLUG  
FA42930\*

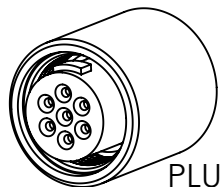


PRE-WIRED PLUG  
-KAPTON: FA43039  
-PTFE: FA43040

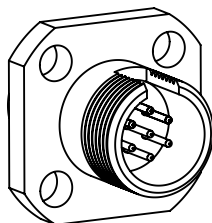
## 7 PINS



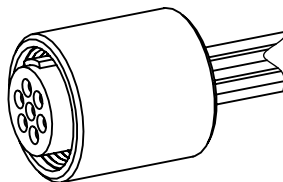
HERMETIC  
FEEDTHRU  
FA41283



PLUG  
FA41289\*

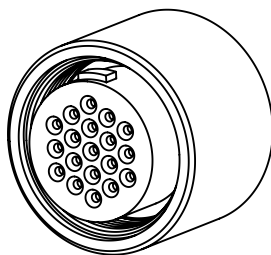


IN-VAC  
RECEPTACLE  
FA42367

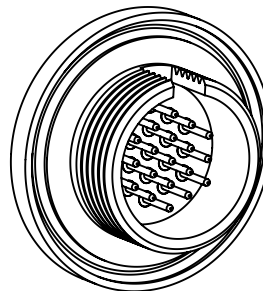


PRE-WIRED PLUG  
-KAPTON: FA42314  
-PTFE: FA42315

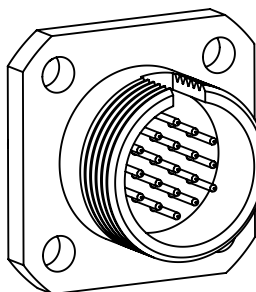
## 19 PINS



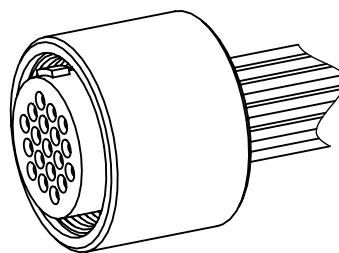
PLUG  
FA41232\*



HERMETIC  
FEEDTHRU  
FA41401

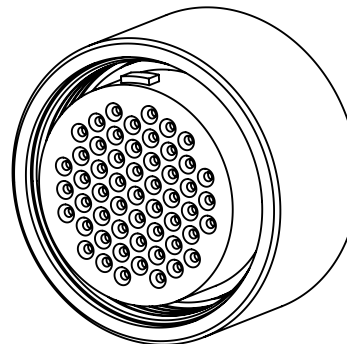


IN-VAC  
RECEPTACLE  
FA41656

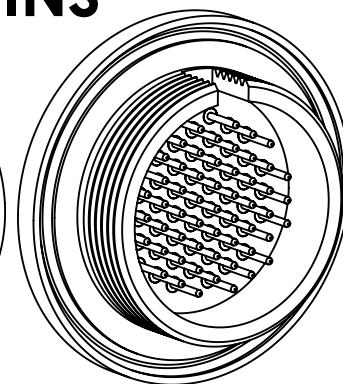


PRE-WIRED PLUG  
-KAPTON: FA42316  
-PTFE: FA42317

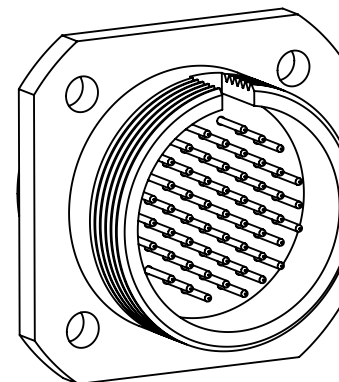
## 55 PINS



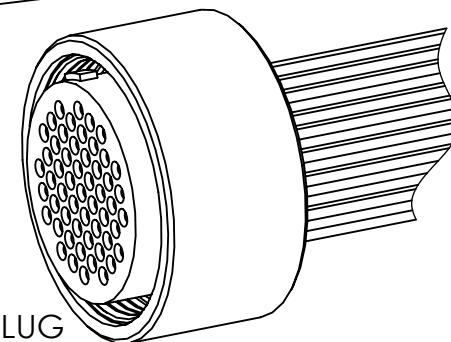
PLUG  
FA42256\*



HERMETIC FEEDTHRU  
FA42250



IN-VAC  
RECEPTACLE  
FA42375



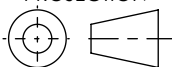
PRE-WIRED PLUG  
-KAPTON: FA42318  
-PTFE: FA42319

**\*CONTACTS NOT INCLUDED**

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THIRD ANGLE  
PROJECTION



TITLE

MICRO SERIES FAMILY



**SOLID SEALING**  
TECHNOLOGY

REV.	APP'D	DATE	SCALE 2:1	DIMENSIONS IN	DRAWN	HJ	04/09/2021
A2	CW	4/21/2022	MPC10735-11	INCHES [mm]	ENG APPR.	HJ	05/03/2021

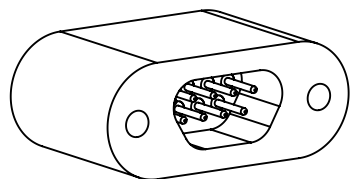
REV: A2

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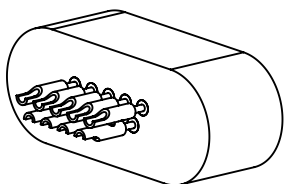
SALES DWG NO. MICRO\_SERIES REV. A2

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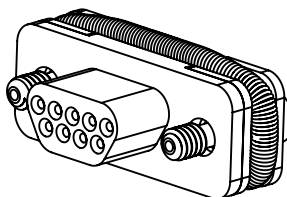
## 9 PINS



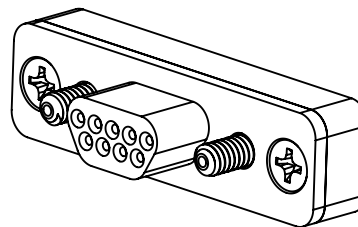
HERMETIC  
FEEDTHROUGH FA41500



HERMETIC SOLDERCUP  
FEEDTHROUGH FA42164

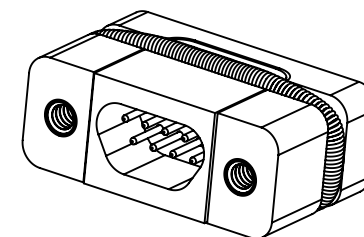


PLUG, GARTER TYPE  
FA42137



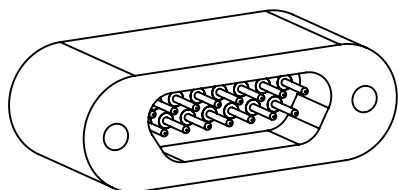
PLUG, SCREW TYPE: FA41506

PRE-WIRED PLUG  
-KAPTON: FA42239  
-PTFE: FA42419

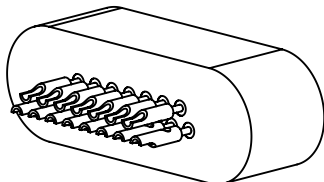


IN-VAC  
RECEPTACLE  
FA42394

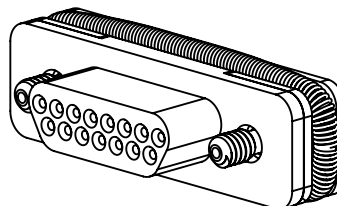
## 15 PINS



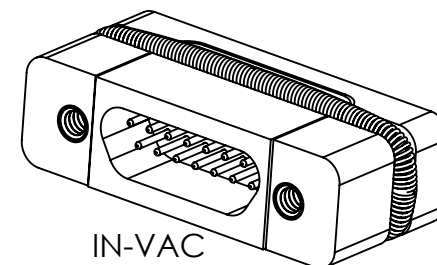
HERMETIC  
FEEDTHROUGH FA42273



HERMETIC SOLDERCUP  
FEEDTHROUGH FA42467

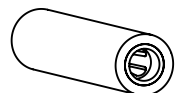


PLUG, GARTER TYPE  
FA42475

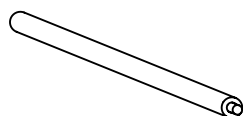


IN-VAC  
RECEPTACLE  
FA42488

## CONTACTS/WIRE



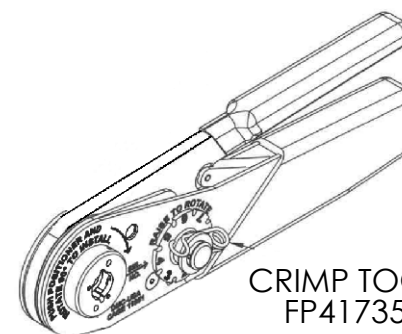
SOCKET CONTACTS  
KT41236 (BRASS 125C)  
KT41236-02 (TeCu 250C)



WIRE  
KAPTON 48": FA42244  
KAPTON 96": FA42245  
PTFE 48": FA42246-01/09  
PTFE 96": FA42247-01/09



CRIMP TOOL  
POSITIONER (PIN & SOCKET)  
FP41731



CRIMP TOOL  
FP41735

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TITLE

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**SOLID SEALING**  
TECHNOLOGY

REV.	APP'D	DATE	SCALE 2:1	DIMENSIONS IN	DRAWN	HJ	04/09/2021
A2	CW	4/21/2022	AHDWR027-41	INCHES [mm]	ENG APPR.	HJ	05/03/2021

REV. A2

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SALES DWG NO. MICRO\_SERIES REV. A2

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