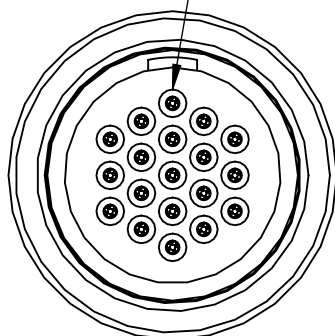


GOLD PLATED
BRASS/BeCu
CRIMP CONTACTS



PEEK
INSULATOR



$\phi .57 [14.5]$

KNURLED
STAINLESS STEEL
COUPLING NUT

28 AWG SILVER PLATED
COPPER WIRE WITH
COLORED PTFE INSULATION
(SEE SHEET 2 FOR
COLOR POSITIONS)

$\phi .03 [0.7]$

$.50 [12.6]$

CABLE LENGTH

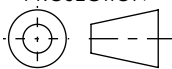
PART NO.	CABLE LENGTH
FA42317	48"
FA42317-02	96"

PERFORMANCE SPECIFICATIONS	
VOLTAGE:	250V DC
CURRENT:	3 AMPS
TEMPERATURE:	-55°C TO 125°C

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THIRD ANGLE
PROJECTION



TITLE

MICRO C, 19 PIN AIR SIDE
PLUG CABLE ASSEMBLY



SOLID SEALING
TECHNOLOGY

REV.	APP'D	DATE	SCALE 3:1	DIMENSIONS IN INCHES [mm]	DRAWN	CW	4/15/2021
C1	JF	12/17/2025	MSMM0128-23		ENG APPR.	JF	04/20/2021

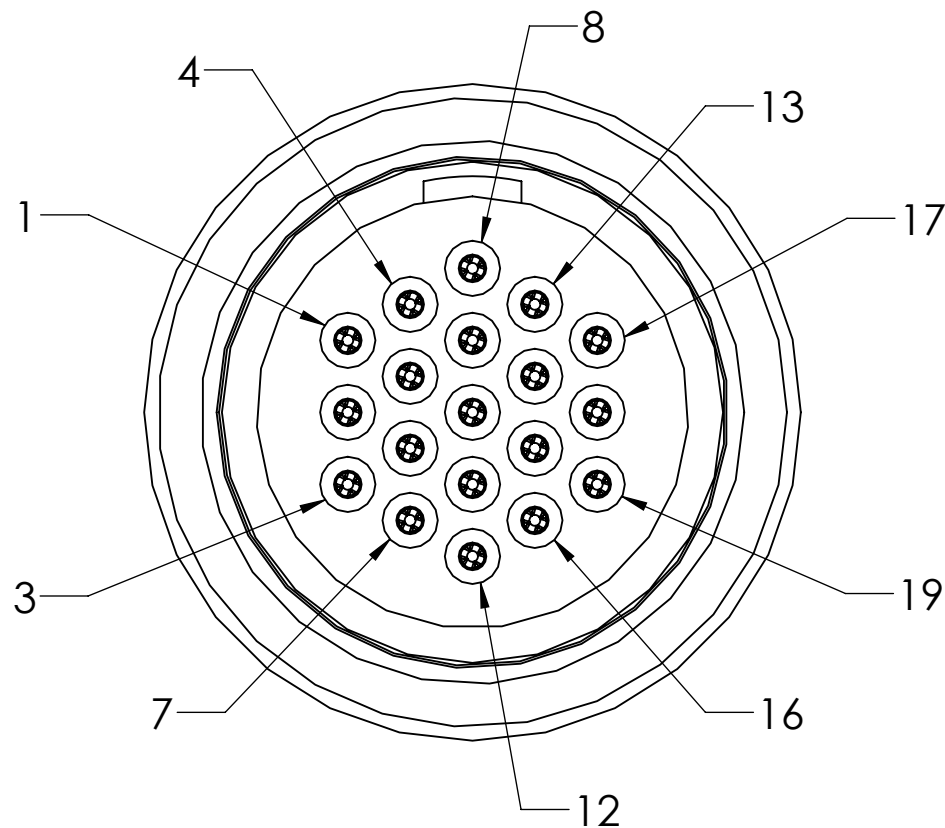
PART NO. (SEE TABLE) REV. C

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SALES DWG NO. FA42317SL REV. C1

DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS NOTED, NO TOLERANCES ARE IMPLIED. CONSULT SST TO DISCUSS YOUR SPECIFIC REQUIREMENTS.

POSITION	COLOR
1	BLK
2	BRN
3	RED
4	ORN
5	YEL
6	GRN
7	BLU
8	PUR
9	GRY
10	WHT
11	BLK
12	BRN
13	RED
14	ORN
15	YEL
16	GRN
17	BLU
18	PUR
19	GRY

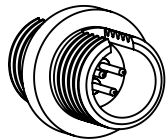


INSULATION COLOR POSITIONS
VIEW A-A (MATING FACE)
 SCALE 6:1

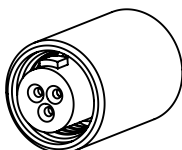
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SOLID SEALING TECHNOLOGY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SOLID SEALING TECHNOLOGY IS PROHIBITED.				 THIRD ANGLE PROJECTION		TITLE MICRO C, 19 PIN AIR SIDE PLUG CABLE ASSEMBLY			 SOLID SEALING TECHNOLOGY	
REV.	APP'D	DATE	SCALE 3:1	DIMENSIONS IN INCHES [mm]	DRAWN	CW	4/15/2021	PART NO. (SEE TABLE) REV. C	WWW.SOLIDSEALING.COM	
C1	JF	12/17/2025	MSMM0128-23		ENG APPR.	JF	04/20/2021		SALES DWG NO. FA42317SL REV. C1	

DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS NOTED, NO TOLERANCES ARE IMPLIED. CONSULT SST TO DISCUSS YOUR SPECIFIC REQUIREMENTS.

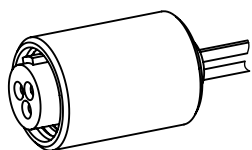
3 PINS



HERMETIC
FEEDTHRU
FA42916
(LASER WELD ONLY)

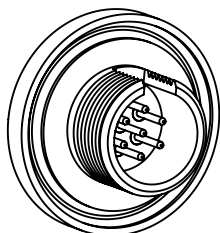


PLUG
FA42930*

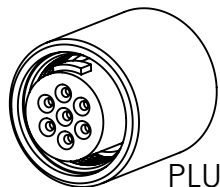


PRE-WIRED PLUG
-KAPTON: FA43039
-PTFE: FA43040

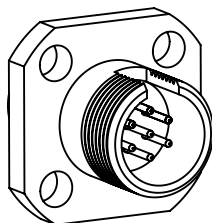
7 PINS



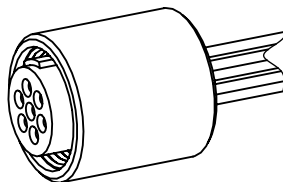
HERMETIC
FEEDTHRU
FA41283



PLUG
FA41289*

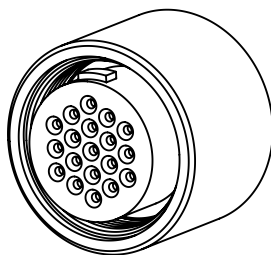


IN-VAC
RECEPTACLE
FA42367

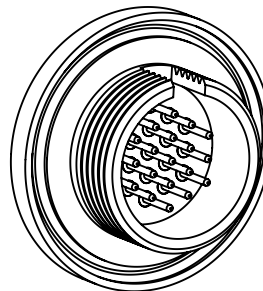


PRE-WIRED PLUG
-KAPTON: FA42314
-PTFE: FA42315

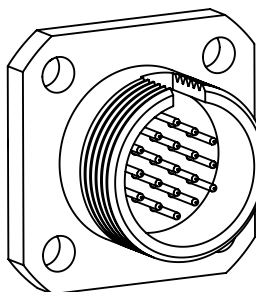
19 PINS



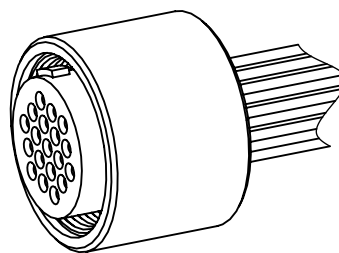
PLUG
FA41232*



HERMETIC
FEEDTHRU
FA41401

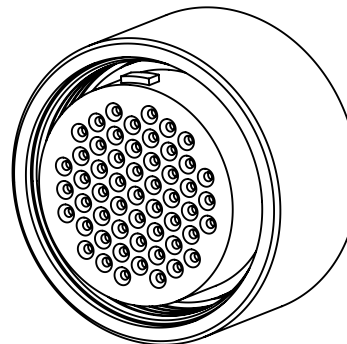


IN-VAC
RECEPTACLE
FA41656

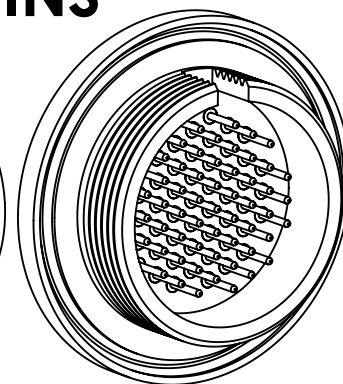


PRE-WIRED PLUG
-KAPTON: FA42316
-PTFE: FA42317

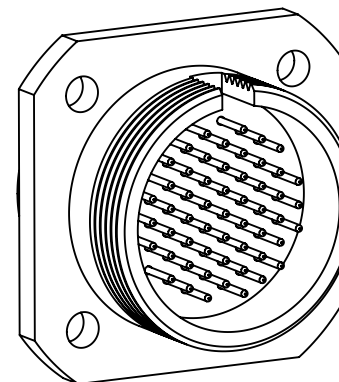
55 PINS



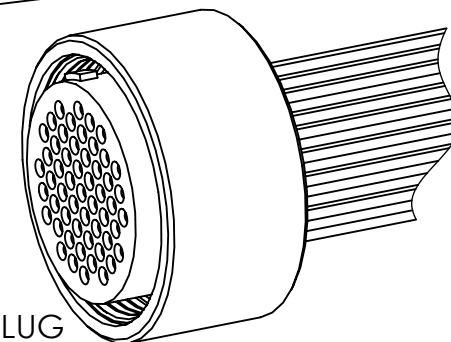
PLUG
FA42256*



HERMETIC FEEDTHRU
FA42250



IN-VAC
RECEPTACLE
FA42375



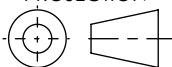
PRE-WIRED PLUG
-KAPTON: FA42318
-PTFE: FA42319

***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

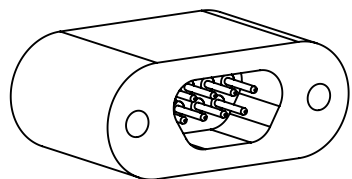
REV: A2

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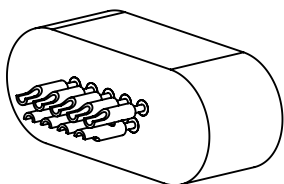
SALES DWG NO. MICRO_SERIES REV. A2

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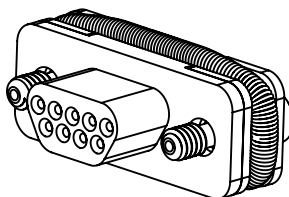
9 PINS



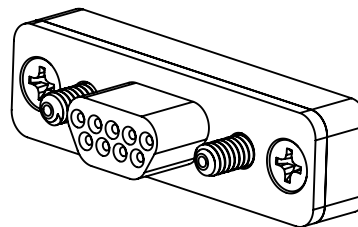
HERMETIC
FEEDTHROUGH FA41500



HERMETIC SOLDERCUP
FEEDTHROUGH FA42164

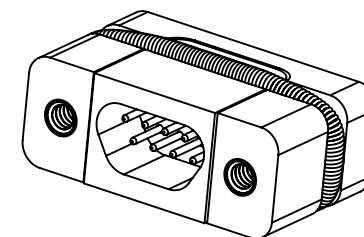


PLUG, GARTER TYPE
FA42137



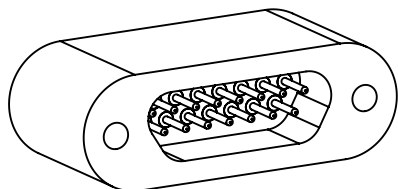
PLUG, SCREW TYPE: FA41506

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

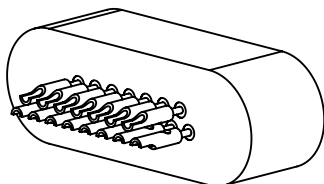


IN-VAC
RECEPTACLE
FA42394

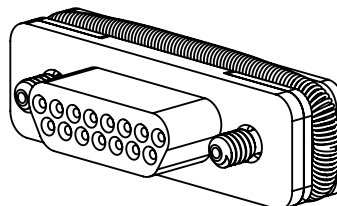
15 PINS



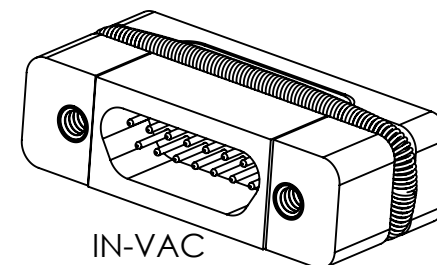
HERMETIC
FEEDTHROUGH FA42273



HERMETIC SOLDERCUP
FEEDTHROUGH FA42467

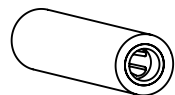


PLUG, GARTER TYPE
FA42475

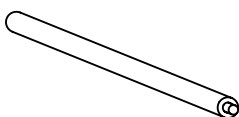


IN-VAC
RECEPTACLE
FA42488

CONTACTS/WIRE



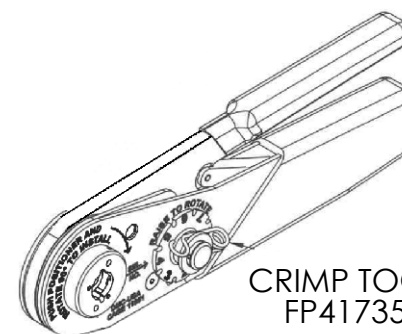
SOCKET CONTACTS
KT41236 (BRASS 125C)
KT41236-02 (TeCu 250C)



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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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	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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