

DESCRIPTION: M16 // M // SOLDER CUP // CABLE KIT // SHIELDED

SPECIFICATIONS:

MATERIALS:

HOUSING:	PA66, UL94 V-0, BLACK
CONTACTS:	GOLD FLASH PLATED BRASS
MAIN BODY:	NICKEL PLATED ZINC ALLOY
LOCK SHELL:	NICKEL PLATED BRASS
SPRING:	STAINLESS STEEL
ISOLATION:	PVC
CLAMPS BODY:	NICKEL PLATED ZINC ALLOY
CLAMPS:	NICKEL PLATED ZINC ALLOY
SCREW:	NICKEL PLATED SPCC
BACK BODY:	NICKEL PLATED BRASS
GLAND CAGE:	POM, WHITE
GLAND NUT:	SATIN NICKEL PLATED AL
GLAND:	SILICONE
ORING:	SILICONE

ELECTRICAL:

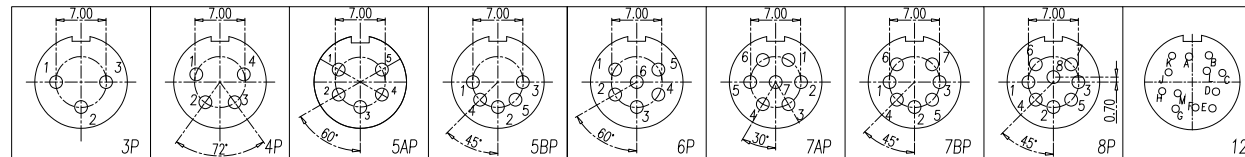
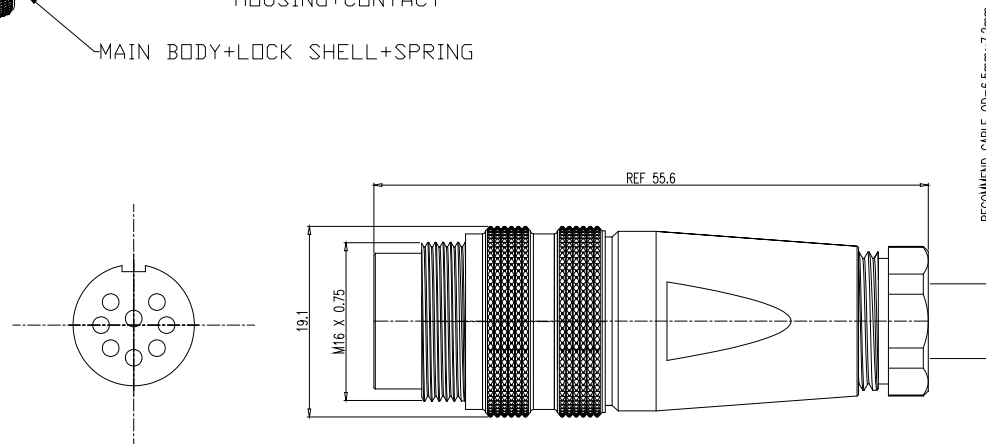
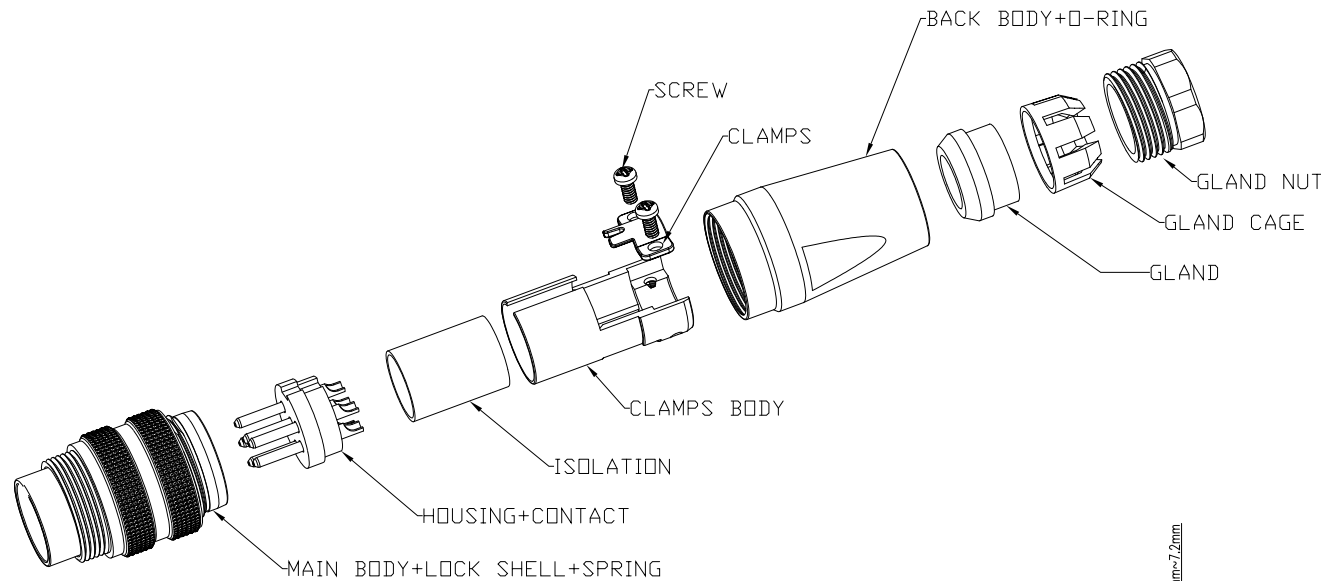
RATED CURRENT:	7A (3,4,5A,5B) // 5A (6,7A,7B,8) 3A (12P)
RATED VOLTAGE:	250V 60V (12P)
INSULATION RESISTANCE:	100 MOhms MIN.
CONTACT RESISTANCE:	10 mOhms MAX.

ENVIRONMENT:

OPERATING TEMPERATURE:	-40°C TO +85°C
WATER PROOF:	IP67 (IN MATED CONDITION)

MAX WIRE AWG:	18 AWG 28 AWG (12P)
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TORQUE:	0.7Nm to 1.5Nm
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POSITION CHART (MATING SIDE SHOWN)

878-YYY-103RKT1

POSITIONS (SEE POSITION CHART)

003 = 3 POSITION
004 = 4 POSITION
05A = 5(A) POSITION
05B = 5(B) POSITION
006 = 6 POSITION
07A = 7(A) POSITION
07B = 7(B) POSITION
008 = 8 POSITION
012 = 12 POSITION

RoHS COMPLIANT



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J. KADEL

DATE:
09/05/2023

UNITS = mm

DO NOT SCALE FROM DRAWING

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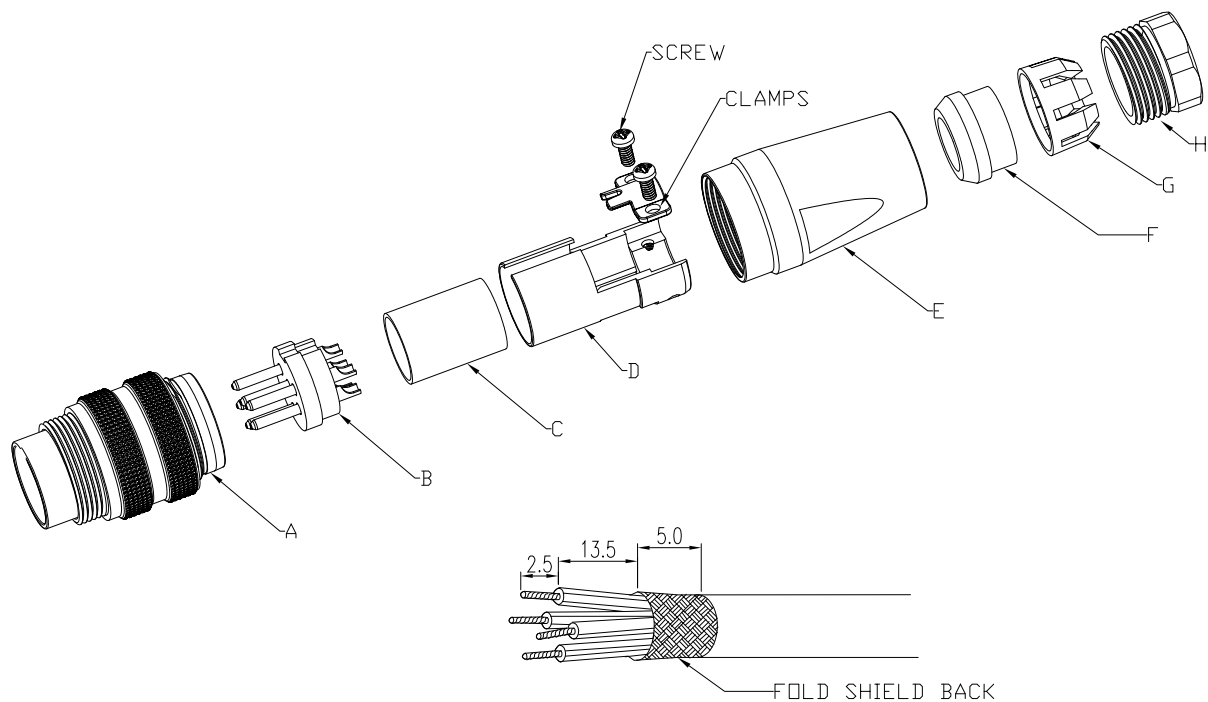
SCALE:
NTS

SHEET OF
1 2

REV
2

DWG NO.

878-YYY-103RKT1



ASSEMBLY INSTRUCTIONS

1. Note assembly position & orientation.
2. Strip the cable according to cable diagram above.
3. Slide the stripped cable through all components in reverse order H-C.
4. Solder the conductors to the contacts on housing and contacts, component B .
5. Once soldering is complete, assemble (collapse) components B, C, D and use screw and clamps to secure cable to component D.
Ensure cable shield is clamped by screw and clamps.
6. Continue assembly by inserting component B, C, D in component A. There will be a key and key way to align components.
7. Continue assembly by sliding up components E, F, G, and H. Screw component E into component A. Screw component H into component E.
You may need to use a female mating connector to hold A stationary while screwing in component E to A.
Use torque range specified on page 1.

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SHEET 2 OF 2

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