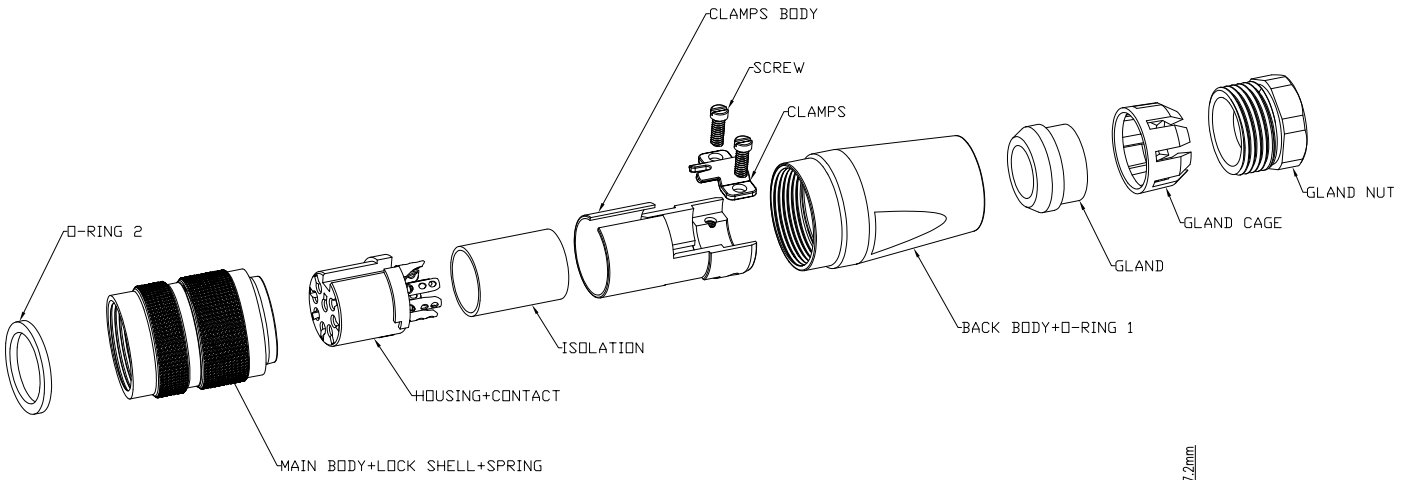
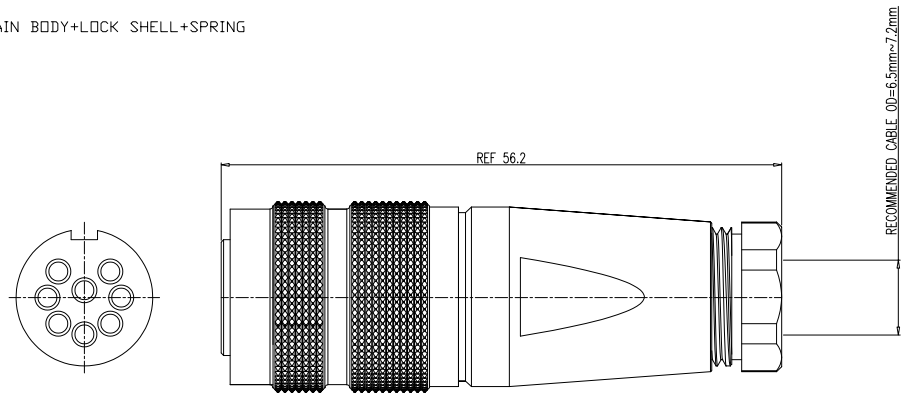
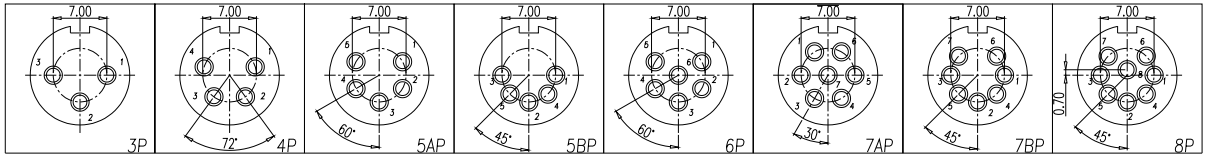
DESCRIPTION: M16 // F // SOLDER CUP // CABLE KIT // SHIELDED







POSITION CHART (MATING SIDE SHOWN)

SPECIFICATIONS:

MATERIALS:

HOUSING:	PA66, UL94 V-0, BLACK
CONTACTS:	GOLD FLASH PLATED BRONZE
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 1:	SILICONE
ORING 2:	SILICONE

ELECTRICAL:

RATED CURRENT:	7A (3,4,5A,5B) // 5A (6,7A,7B,8)
RATED VOLTAGE:	250V
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:	20 AWG
TORQUE:	0.7Nm to 1.5Nm

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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

RoHS COMPLIANT

UNITS = mm

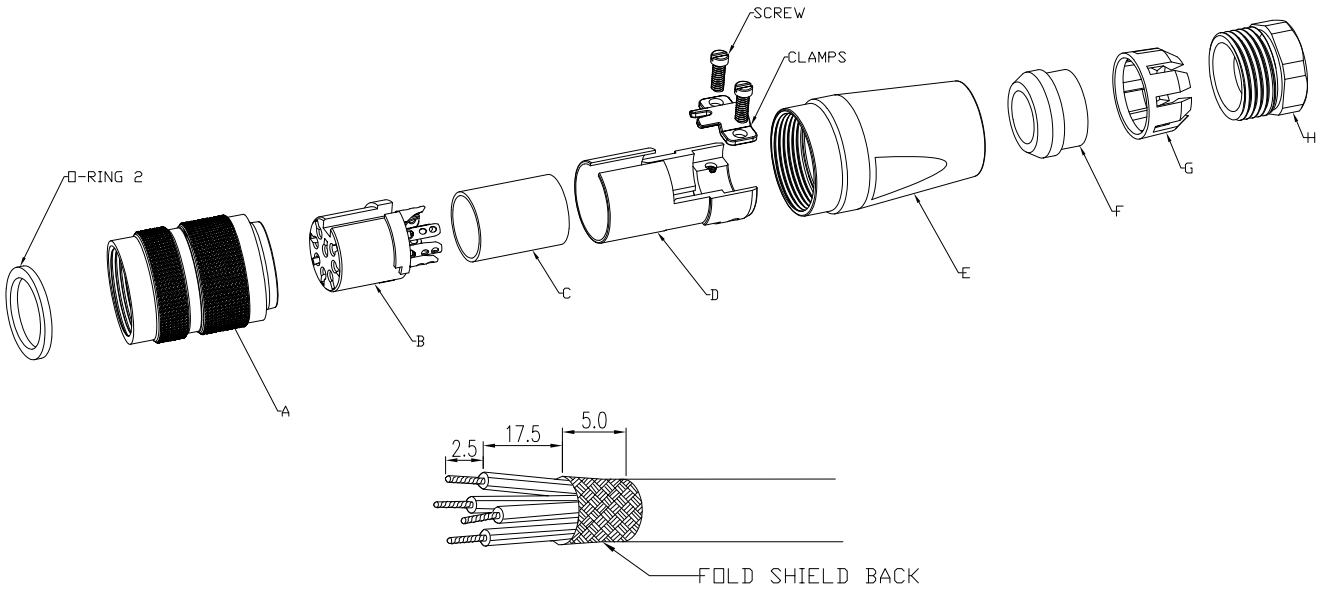
DO NOT SCALE FROM DRAWING

DRAWN:	J. KADEL
DATE:	09/05/2023

NorComp

SCALE: NTS	SHEET 1 OF 2	REV 1
DWG NO. 878-YYY-203RKT1		

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



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 will need to use a male mating connector to hold A stationary while screwing in component E to A.
   Use torque range specified on page 1.
8. Last, assemble O-RING 2 around female insulator; using the mating connector mentioned in step 7 will aide in this step.

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING

DRAWN:	DATE:
J. KADEL	09/05/2023

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SCALE:	SHEET	OF	REV
NTS	2	2	1

DWG NO. 878-YYY-203RKT1