

- NOTES:
1. FINISHED ASSEMBLIES AND LOOSE PARTS BAGGED.
 2. LABEL WITH CONXALL PART NUMBER, DATE CODE AND P/N BARCODE PLACED ON BAG
 3. SEE DRAWING HPSFMISTD FOR HOLE PATTERNS
 4. FOR FIELD INSTALLATION, SEE INSTRUCTION SHEET 2 OF 2
 5. ALL DIMENSIONS ARE REFERENCE EXCEPT THOSE WITH A TOLERANCE
 6. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS
 7. CRIMP CONTACTS SUPPLIED UNASSEMBLED

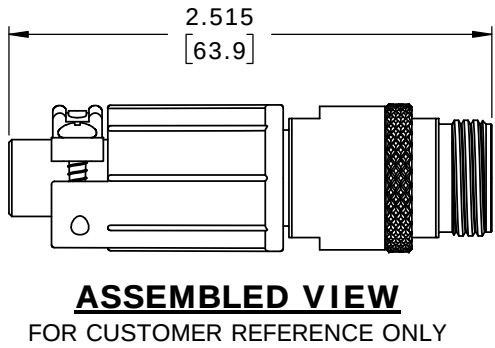
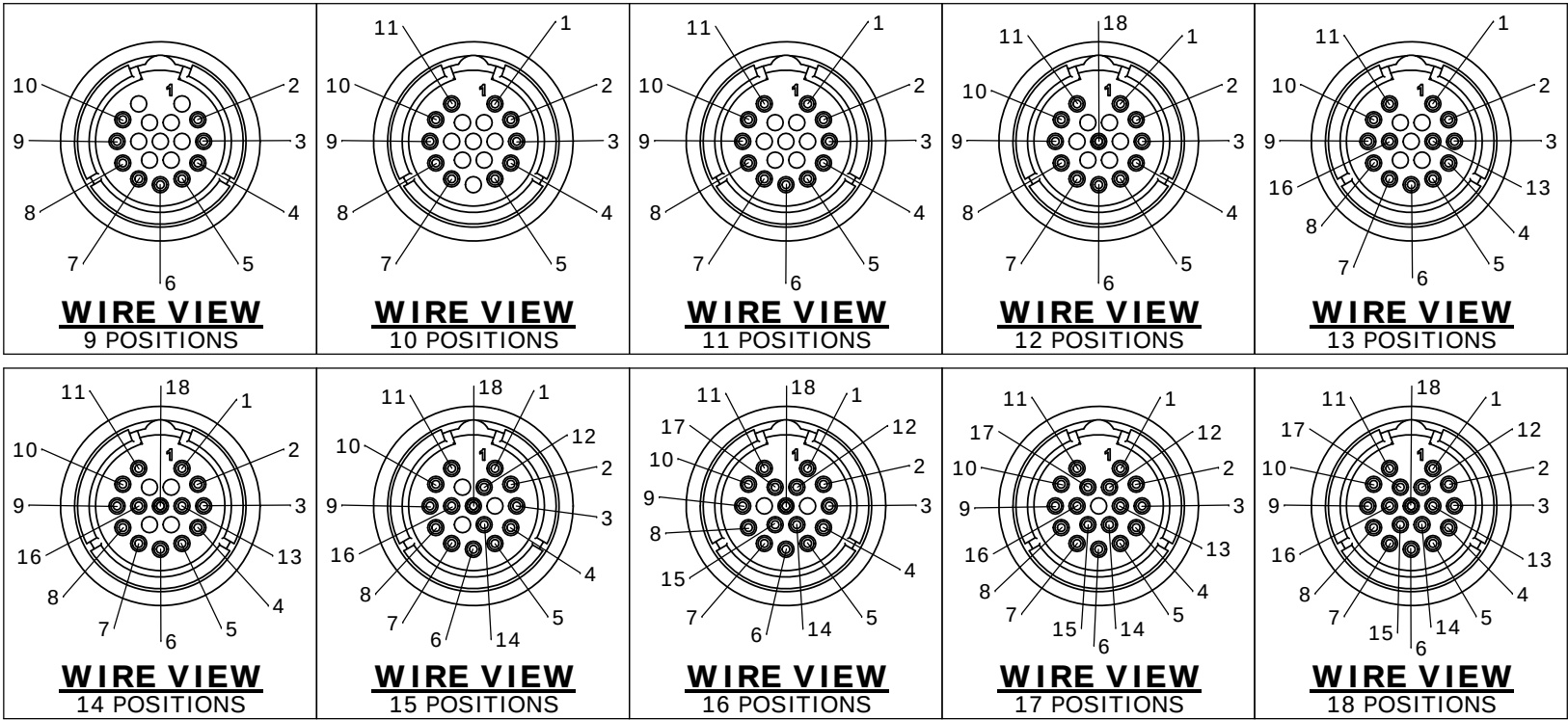
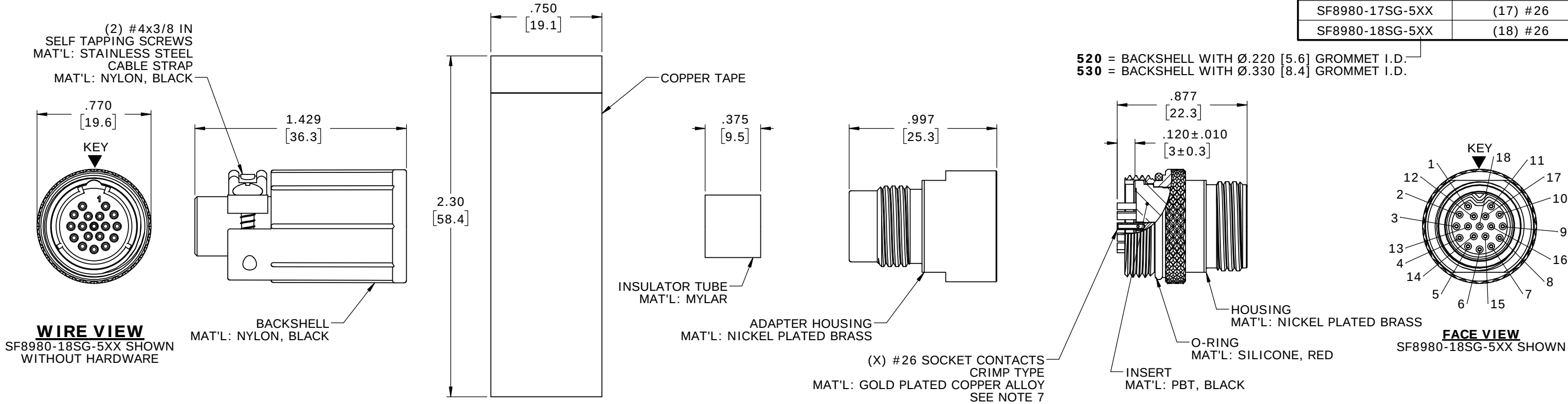
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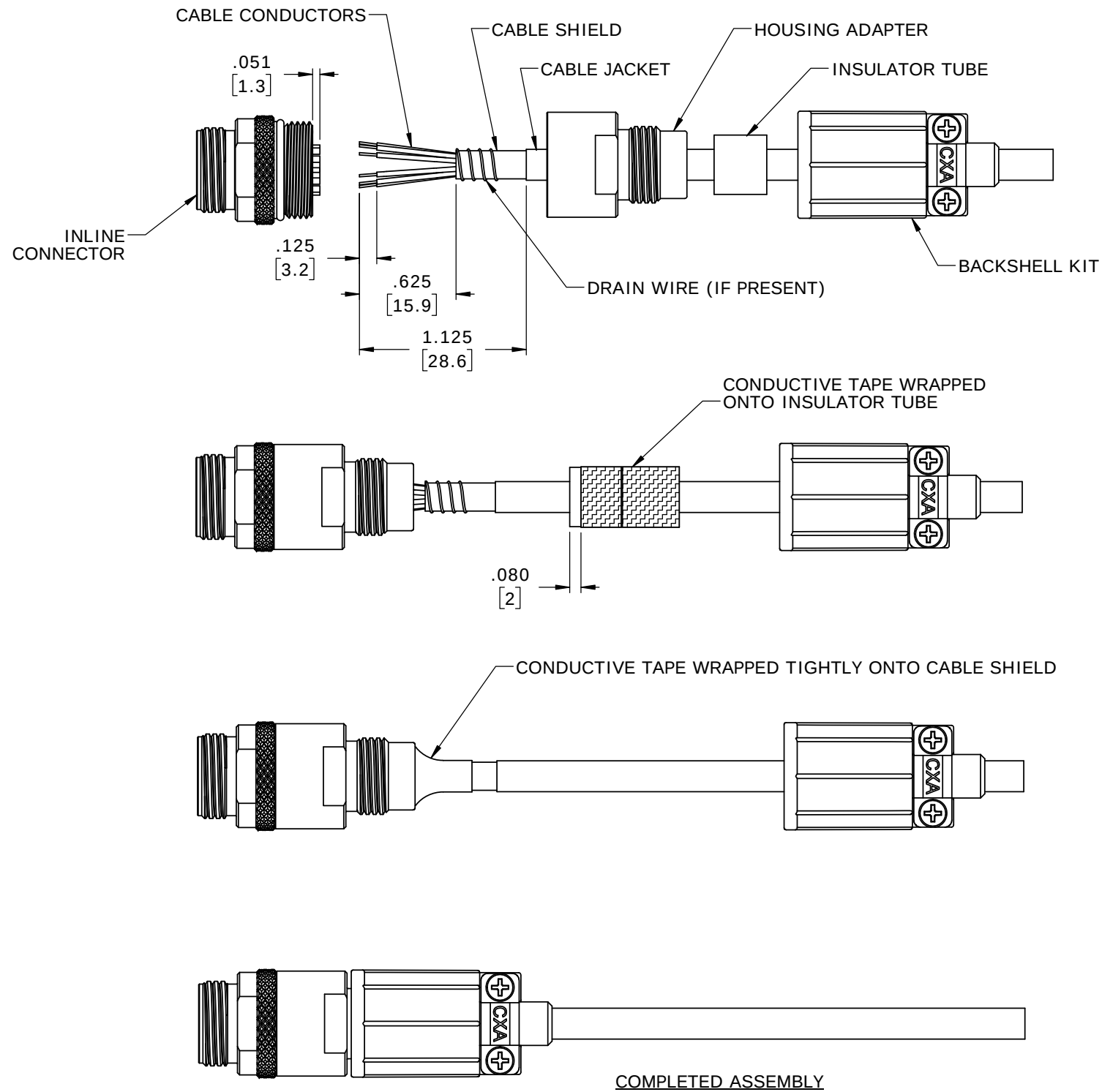
DATE: _____

ASSEMBLY P/N	NO. OF CONTACT
SF8980-9SG-5XX	(9) #26
SF8980-10SG-5XX	(10) #26
SF8980-11SG-5XX	(11) #26
SF8980-12SG-5XX	(12) #26
SF8980-13SG-5XX	(13) #26
SF8980-14SG-5XX	(14) #26
SF8980-15SG-5XX	(15) #26
SF8980-16SG-5XX	(16) #26
SF8980-17SG-5XX	(17) #26
SF8980-18SG-5XX	(18) #26



RoHS COMPLIANT

A	MA	01-31-19	RELEASED PER PDR 17011	
	PNK	9-28-18	RES-79 CHANGED TO RES-78. O-RING 4290S REPLACES SF6290S-1.	
	PNK	1-30-18	DRAWING CREATED PER PDR 17011	
REV.	INIT.	DATE	DESCRIPTION	
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			CHECKED BY:	
ALL UNITS ARE IN FEET, INCHES, FRACTIONS OF INCHES AND DECIMALS. UNLESS OTHERWISE SPECIFIED TOLERANCES: 3 PLACE DECIMALS ±.005 ANGLES ±1° FRACTIONS ±1/16 ▷ = CRITICAL CHARACTERISTIC FLAG PER SPEC. XXXX			APPROVED BY:	 601 E. WILDWOOD VILLA PARK, IL 60181
			SCALE: NTS SIZE: B SHEET: 1 OF 2	
			FILE: SF8980-XSG-5XX DIRECTORY: SLW	TITLE: CABLE-TO-CABLE ASSEMBLY (9-18) #26 SOCKET CONTACTS, CRIMP SHIELDED MINI-CON-X STANDARD PRODUCT CUSTOMER: SF8980-XSG-5XX
				REV A



CABLE WIRING AND ASSEMBLY INSTRUCTIONS:

- STEP 1.** SLIDE HOUSING ADAPTER, INSULATOR TUBE, AND BACKSHELL KIT, ONTO CABLE IN THE ORDER SHOWN.
- STEP 2.** STRIP CABLE JACKET AND WIRES TO LENGTH. EXCESS CABLE SHIELD MUST BE TRIMMED OR WRAPPED AROUND WIRES. IF PRESENT, USE THE DRAIN WIRE TO WRAP THE CABLE SHIELD IN PLACE.
- STEP 3.** CRIMP WIRES TO CONTACTS.
- STEP 3A.** INSERT THE WIRED CONTACT INTO THE CAVITY AND FIRMLY PUSH THE CONTACT UNTIL IT LOCKS INTO PLACE. GIVE A SLIGHT PULL ON THE WIRE TO INSURE THE CONTACT IS SEATED. THE CONTACT BARREL SHOULD PROJECT BEYOND THE INSERT ACCORDING TO DIMENSION ABOVE.
- STEP 4.** THREAD HOUSING ADAPTER ONTO CONNECTOR AND TIGHTEN TO 5 LB-IN [0.56 N-m] MINIMUM TORQUE.
- STEP 5.** PEEL-OFF THE BACKING OF THE CONDUCTIVE TAPE AND WRAP IT AROUND THE INSULATOR AS SHOWN.
- STEP 6.** SLIDE INSULATOR/CONDUCTIVE TAPE INTO THE BACK OF THE CONNECTOR. FORM FREE END OF CONDUCTIVE TAPE TIGHTLY ONTO THE SHIELD OF THE CABLE.
- STEP 7.** SLIDE AND THREAD THE BACKSHELL KIT ONTO CONNECTOR. TIGHTEN TO 5 LB-IN [0.56 N-m] MINIMUM TORQUE.
- STEP 8.** TIGHTEN THE TWO BACKSHELL SCREWS TO SECURE THE CABLE IN THE BACKSHELL.

A	MA	04-03-19	RELEASED PER PDR 17011	
	PNK	9-28-18	RES-79 CHANGED TO RES-78. O-RING 4290S REPLACES SF6290S-1.	
	PNK	9-28-18	DRAWING CREATED PER PDR 17011	
REV.	INIT.	DATE	DESCRIPTION	
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			SCALE: NTS SIZE: B SHEET: 2 OF 2	CUSTOMER: SF8980-XSG-5XX
FILE: FILE NAME			DIRECTORY: SLW	PART NUMBER: SF8980-XSG-5XX
				REV A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Switchcraft:

[SF8980-12SG-520](#) [SF8980-12SG-530](#) [SF8980-15SG-520](#) [SF8980-15SG-530](#) [SF8980-18SG-520](#) [SF8980-18SG-530](#)