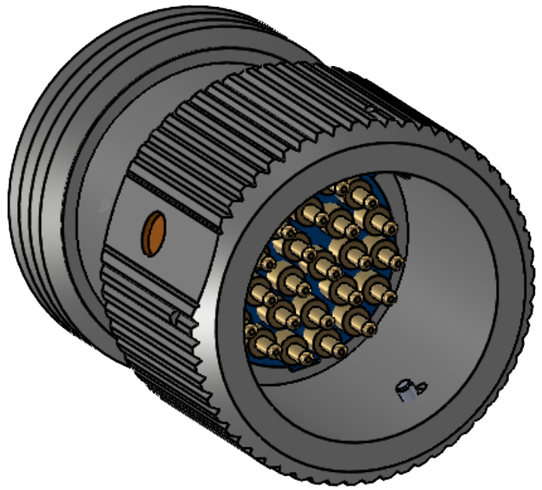
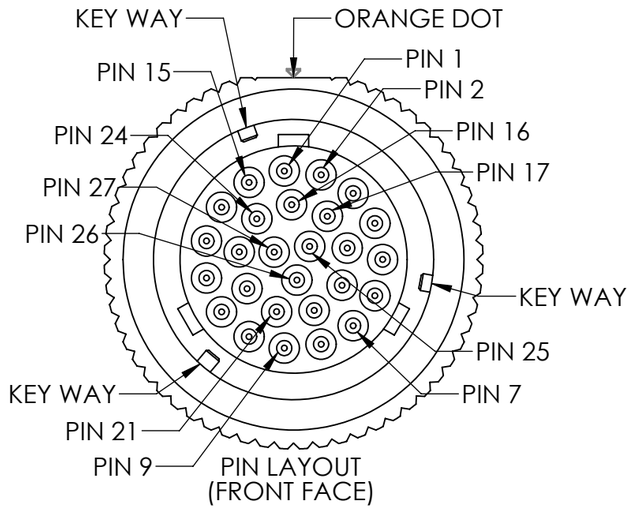
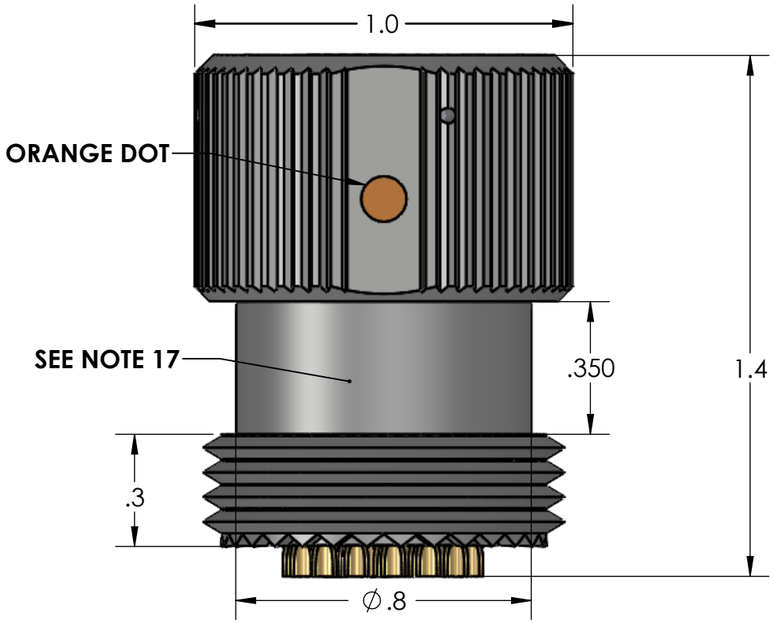
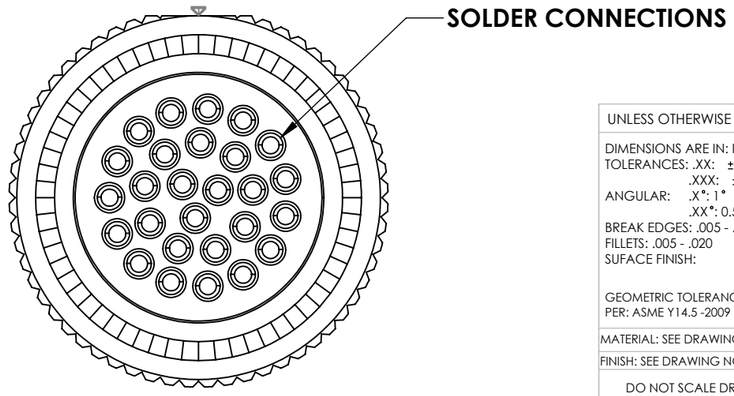
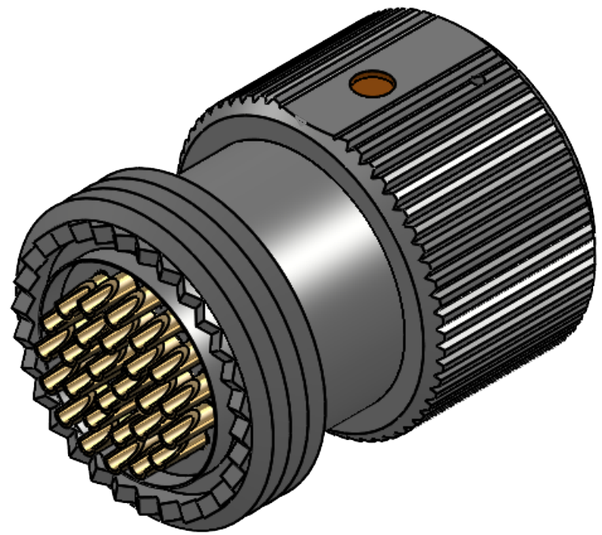
REVISIONS			
REV	DESCRIPTION	DATE	ENG
D	UPDATED FORMAT	03/20/2024	CWA
E	PINS LABELED	08/08/2025	CWA











NOTES:
1. Description: 27 Pin Circular Connector
2. Operating Temperature Range: -55C to +85C
3. Air Pressure: 2.5 psi
4. Water Immersion: 48 Hr. @ 6 ft.
5. Durability: 3000 Cycles, Mate/Un-mate
6. Contact Spring force: 0.5 to 0.6 LBS
7. Number of Positions: 27
8. Contacts: Copper Alloy
9. Insulator: Diallyl Phithalate
10. Connector: Stainless Steel
11. Contact Finish: 30µ" Gold per MIL-G-45204 Over 100µ" Nickel
12. Operating Voltage: 60V Maximum
13. Current Rating: .05A Maximum
14. Insulation Resistance:1000MΩ
15. Meets MIL-STD-202, MIL-STD-810F, MIL-STD-1344A and MIL-STD-220
16. Pin inside Diameter: 0.05 Inches
17. Permanently mark on surface indicated the following information:
    - CONN-MC2127 MMYY 1HJX9 (MM = Month, YY = Year).
    - Marking to be .090 high and use 1 part epoxy ink that meets the requirements of CID A-A-56032D Type I & II.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN: INCHES TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005 ANGULAR: .X°: 1° .XX°: 0.5° BREAK EDGES: .005 - .020 FILLETS: .005 - .020 SUFACE FINISH: GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009	DRAWN	TC	03/16/15
	CHECKED	RJB	03/16/15
	COMMENTS:		
MATERIAL: SEE DRAWING NOTES			
FINISH: SEE DRAWING NOTES			
DO NOT SCALE DRAWING			

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CAGE CODE: 1HJX9

REF. NUMBER: SN0356

SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE:

CONN-MC2127 DETAILED PIN LAYOUT

SIZE	DWG. NO.	REV
B	CONN-MC2127	E

SCALE: NA | WEIGHT: | SHEET 1 OF 1