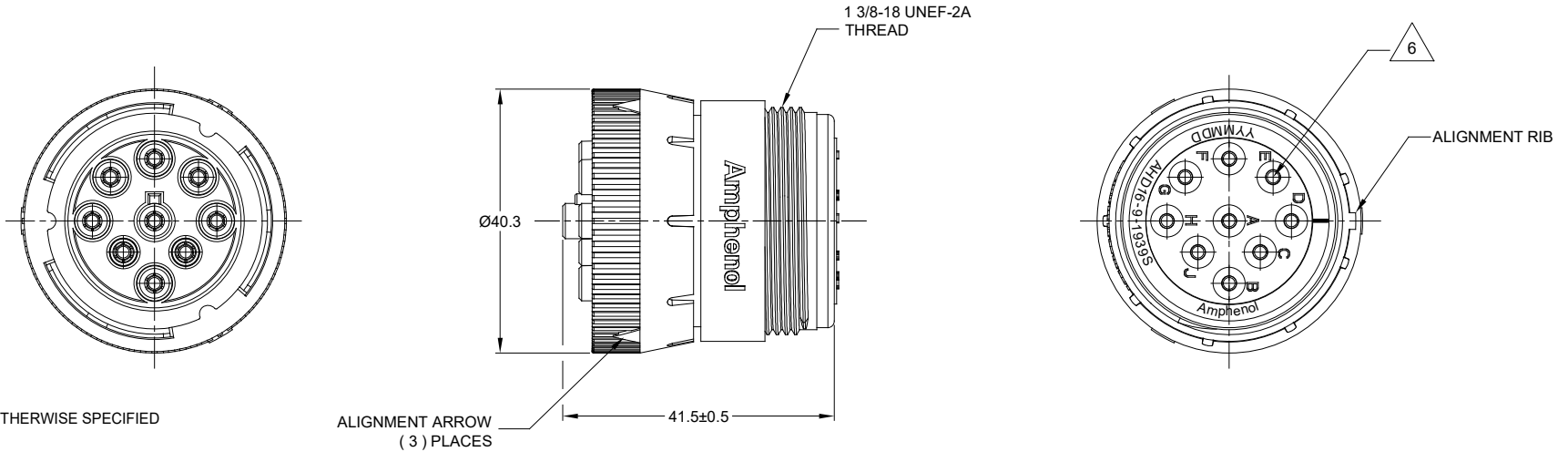


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		RELEASE NEW DWG FORMAT	04SEP13	ORION	
A4	-	UPDATE DRAWING	07/JAN/20	ROOKIE	TOMMY

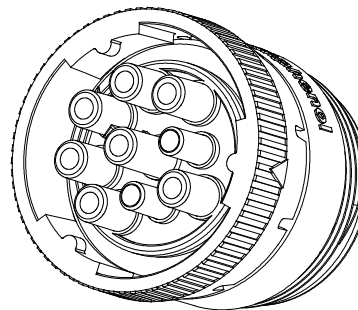


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER
- MODIFICATIONS: COUPLING RING;  
J1939 TYPE 1 KEY ARRANGEMENT;
- SPECIFICATIONS:  
3.1 CURRENT RATING: 13 AMPS  
3.2 OPERATING TEMPERATURE: -55°C TO +125°C.  
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.  
3.4 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.  
3.5 MOISTURE RESISTANCE: IP67 ( MATED CONDITION ).  
3.6 MATING CYCLE DURABILITY: 100 CYCLES  
3.7 RoHS COMPLIANT
- MATING PART: AHD10-9-1939P/PE/P-B022/PR-B022 AND AHD14-9-1939P/PE, AHD17-P-1939PE/PES
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
16	2.54 mm (.100 in)	3.81 mm (.150 in)	14 - 20 AWG



AHD16-9-1939S		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY		MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES		DATE
		DRAWN: ROOKIE		07/JAN/20
		CHECKED: ORION		07/JAN/20
		APPROVAL: TOMMY		07/JAN/20
MATERIAL SPECIFICATIONS:		CUSTOMER:		
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
NEXT ASSY:		SIZE: <b>B C-</b>	TYPE:	DWG NO: AHD16-9-1939S
		SCALE: NONE		REVISION: <b>A4</b>
		SHEET 1 OF 1		

TITLE: PLUG 9 POSITION COUPLING RING, J1939AHD SERIES  
DWG NO: AHD16-9-1939S  
REV: A4  
SH: 1  
OF: 1