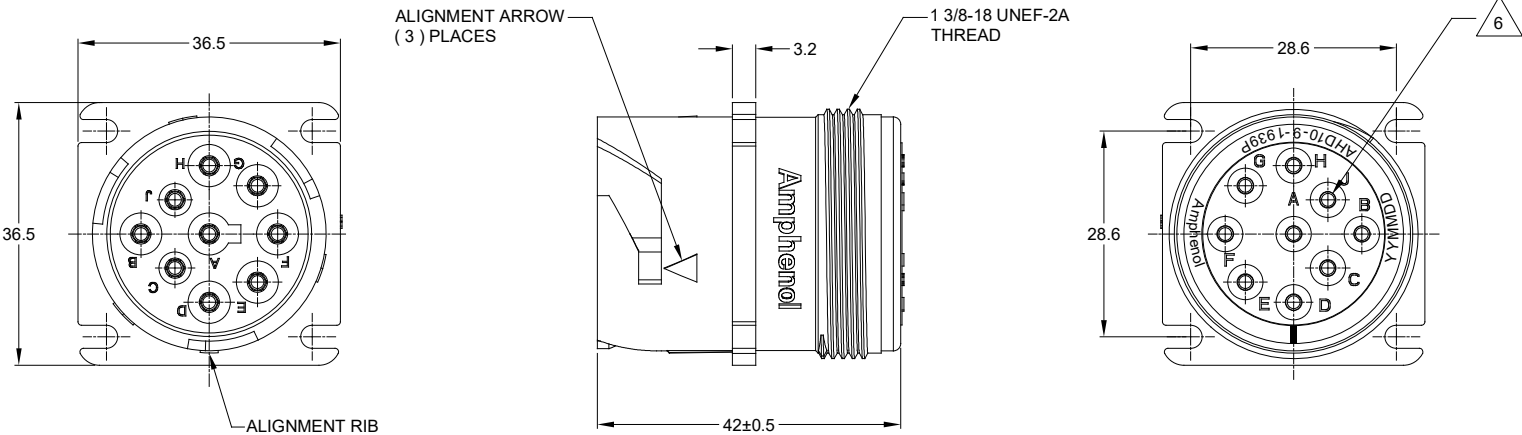


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		RELEASE NEW DWG FORMAT	04SEP13	JARRY	
A4	--	UPDATE DRAWING	07/JAN/20	ROOKIE	TOMMY

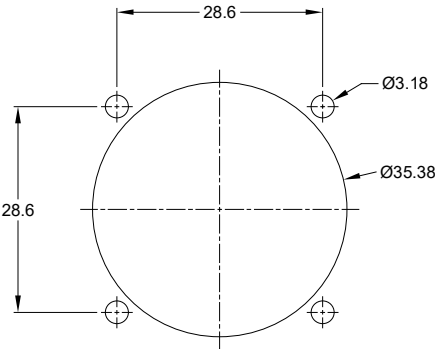


NOTES: UNLESS OTHERWISE SPECIFIED

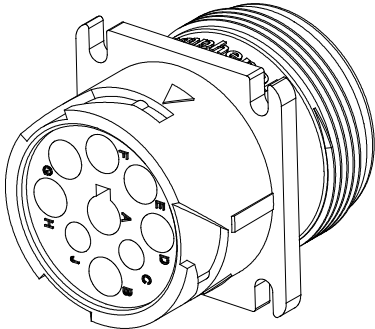
1. MATERIAL:
HOUSING: THERMOPLASTIC; BLK
SEAL: SILICONE RUBBER
2. MODIFICATIONS: J1939 TYPE 1 KEY ARRANGEMENT
3. SPECIFICATIONS:
3.1 CURRENT RATING: 13 AMPS
3.2 OPERATING TEMPERATURE: -55°C TO +125°C.
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.4 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
3.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION).
3.6 MATING CYCLE DURABILITY: 100 CYCLES.
3.7 RoHS COMPLIANT.
4. MATING PART: AHD16-9-1939S/SE,AHD17-9-1939S/SE
5. 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



MOUNTING HOLE DETAIL



AHD10-9-1939P		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	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
		DRAWN: ROOKIE	07/JAN/20		
		CHECKED: ORION	07/JAN/20		
		ENGINEER:			
		APPROVAL: TOMMY	07/JAN/20		
MATERIAL SPECIFICATIONS:		CUSTOMER:		RECEPTACLE J1939 TYPE 1, 9 POS SQUARE FLANGE, AHD SERIES	
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:	SCALE: NONE	SIZE: B	TYPE: C-	DWG NO: AHD10-9-1939P	REVISION: A4
		SHEET 1		OF 1	

Mouser Electronics

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