



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

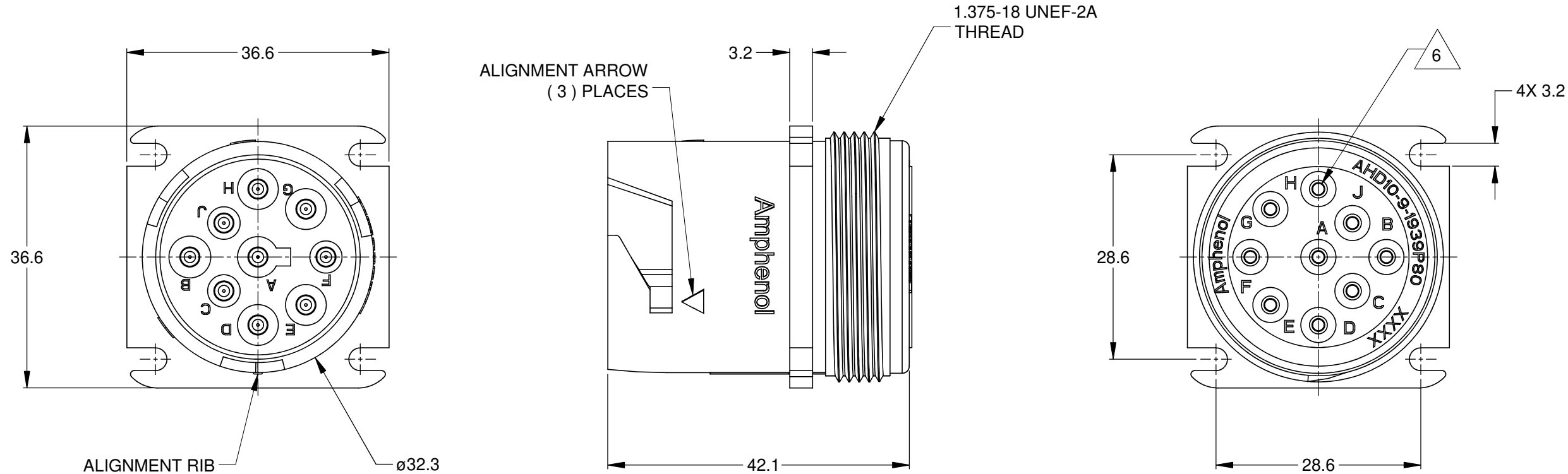
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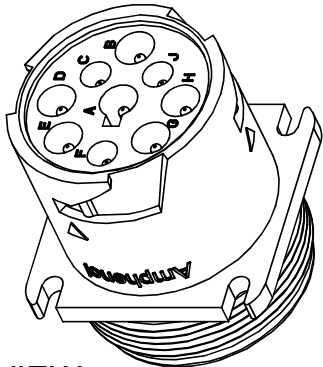


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A2		RELEASE NEW DWG FORMAT	04DEC13	DRP	



NOTES: UNLESS OTHERWISE SPECIFIED


- MATERIAL:  
HOUSING: THERMOPLASTIC; COLOR: GREEN  
SEAL: SILICONE RUBBER
- MODIFICATIONS: J1939 TYPE 2 KEY ARRANGEMENT;  
OPTIONAL REDUCED DIA. WIRE SEAL  
( SEE NOTE 6 )
- 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: AHD16-9-1939S8\*  
( \* = AVAILABLE MODIFICATIONS )
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



3D VIEW

6 CONTACT SIZE AND WIRE SEAL RANGE:

PART NUMBER	SEAL TYPE	CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
AHD10-9-1939P80	STANDARD	16	2.54 mm (.100 in)	3.81 mm (.150 in)	14 - 20 AWG
AHD10-9-1939P8R	REDUCED	16	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

SEE NOTE 6		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		<div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a> 44724 Morley Drive Clinton Township, MI 48036</div>		
1) All dimensions are in metric (mm).				
2) Tolerances are as follows:				
1 PL DEC $\pm 0.30$				
2 PL DEC $\pm 0.15$				
3 PL DEC $\pm 0.08$				
3) Note reference = 				
MATERIAL SPECIFICATIONS:		<div>RECEPTACLE, J1939-13 TYPE 2, 9 POSITION, SQUARE FLANGE, AHD SERIES</div>		
PROCESS SPECIFICATIONS:				
NEXT ASSY:				
		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.		

TITLE: RECEPTACLE, J1939-13 TYPE 2, 9 POS SQUARE FLANGE, AHD  
DWG NO: AHD10-9-1939P8X  
REV: A2  
SH: 1  
OF: 1