



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	13NOV15	SULLEN	TOMMY
A2	C0765S	UPDATE SPECIFICATIONS	23NOV17	ROOKIE	TOMMY
A3	C0870S	Change the appearance of the retaining ring	26JUN18	KASOON	TOMMY

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER
- MODIFICATIONS: THREADED ADAPTER;  
REDUCED DIA. WIRE SEAL
- SPECIFICATIONS:
  - OPERATING TEMPERATURE: -55°C TO +125°C.
  - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
  - MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).
  - MATING CYCLE DURABILITY: 100 CYCLES
  - RoHS COMPLIANT
- MATING PART: AHDPO4-24-19P\* (\* = SEAL TYPE )
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
12	2.46 mm (.097 in)	4.01 mm (.158 in)	10-14 AWG	25 AMPS
16	1.35 mm (.053in)	3.05 mm (.120 in)	14-20 AWG	13 AMPS

AHDPO6-24-19SR-WTA		DESCRIPTION																																				
QUANTITY	PART NUMBER	MATERIALS LIST																																				
		<table border="1"> <tr> <th colspan="2">UNLESS OTHERWISE SPECIFIED:</th> <th colspan="2">SIGNATURES</th> <th>DATE</th> </tr> <tr> <td colspan="2">1) All dimensions are in metric (mm).</td> <td>DRAWN:</td> <td>KASOON</td> <td>26JUN18</td> </tr> <tr> <td colspan="2">2) Tolerances are as follows:</td> <td>CHECKED:</td> <td>ORION</td> <td>26JUN18</td> </tr> <tr> <td colspan="2">1 PL DEC ±0.30</td> <td>ENGINEER:</td> <td></td> <td></td> </tr> <tr> <td colspan="2">2 PL DEC ±0.15</td> <td>APPROVAL:</td> <td>TOMMY</td> <td>26JUN18</td> </tr> <tr> <td colspan="2">3 PL DEC ±0.08</td> <td>CUSTOMER:</td> <td></td> <td></td> </tr> <tr> <td colspan="2">3) Note reference = </td> <td colspan="3">           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.         </td> </tr> </table>		UNLESS OTHERWISE SPECIFIED:		SIGNATURES		DATE	1) All dimensions are in metric (mm).		DRAWN:	KASOON	26JUN18	2) Tolerances are as follows:		CHECKED:	ORION	26JUN18	1 PL DEC ±0.30		ENGINEER:			2 PL DEC ±0.15		APPROVAL:	TOMMY	26JUN18	3 PL DEC ±0.08		CUSTOMER:			3) Note reference =		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.		
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		<b>Amphenol</b> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036																																				
		PLUG,24-19 POS, SOCKET CONTACT REDUCED DIA. SEAL, AHDP SERIES																																				
		SIZE: B C- TYPE: NONE SCALE: NONE	DWG NO: AHDPO6-24-19SR-WTA REVISION: A3 SHEET 1 OF 1																																			

TITLE: PLUG,24-19 POS, SOCKET CONF, REDUCED DIA. SEAL, AHDP  
 DWG NO: AHDPO6-24-19SR-WTA  
 REV: A3  
 SH: 1  
 OF: 1

# Mouser Electronics

Authorized Distributor

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