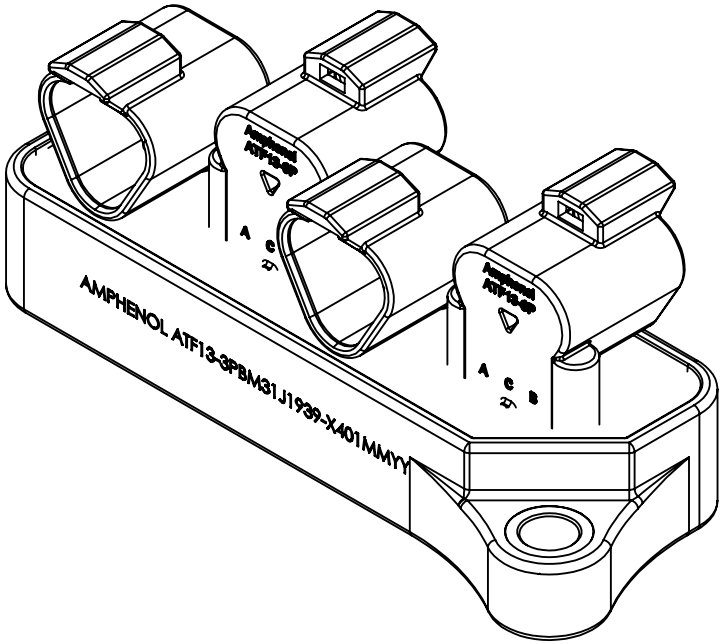
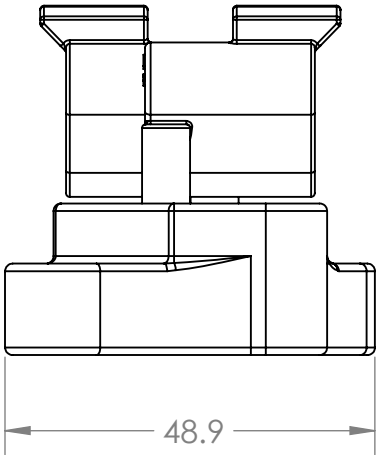
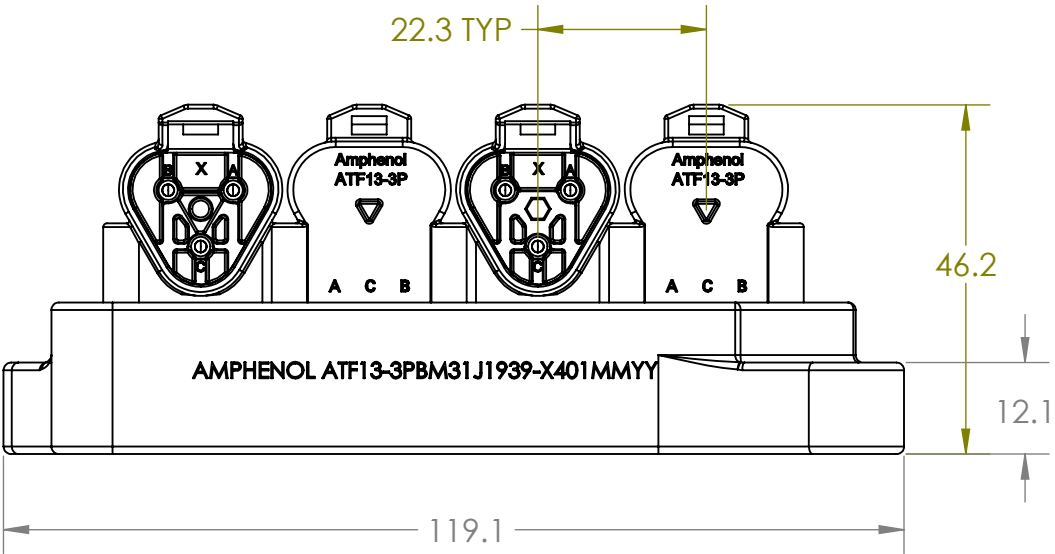
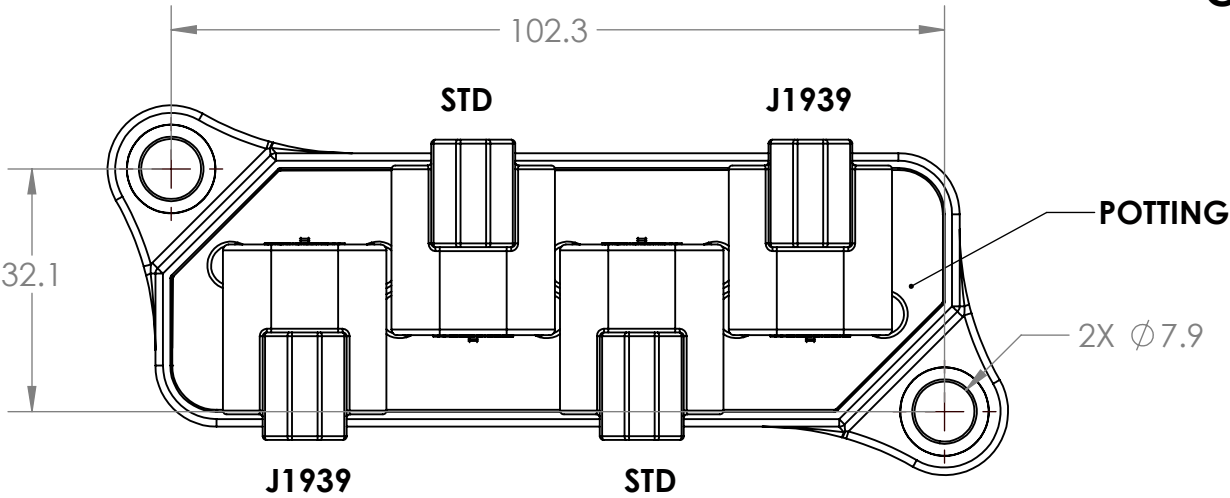


CUSTOMER DRAWING

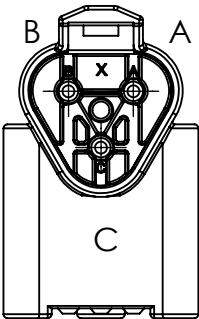
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A1	RELEASE	8/22/2024	CE



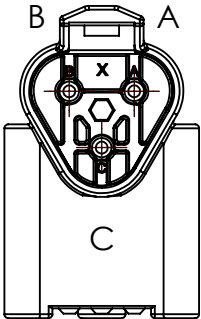
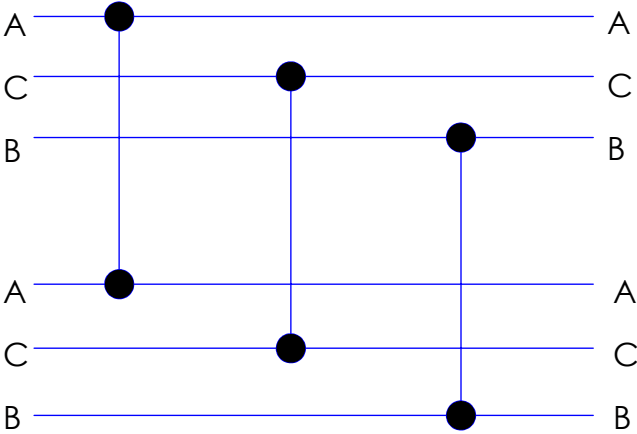
NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC  
CONTACT: COPPER ALLOY  
PLATING: GOLD  
SLEEVE: ALUMINUM: BLACK ANNODIZED
- MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SCREW BOSS, KEYED,
- 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 MEGOHMS MIN @ 25°C.  
3.5 IP68 (1M of water for a period of 24 hours, in mated condition) IP69K (in mated condition)  
3.6 MATING CYCLE DURABILITY: 100 CYCLES  
3.7 RoHS COMPLIANT
- MATING PART: AT06-3S\* PLUG  
(\* = MODIFICATIONS AND COLORS )
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.


SCHEMATICS



ATF13-3P-BM31J1939



ATF13-3P-BM31

UNLESS OTHERWISE SPECIFIED:		SIGNATURES		DATE	<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> <div>DESCRIPTION: HYPERBUSS J1939 RIGHT ANGLE 3 PIN X 4 MODULE, GOLD CONTACTS, SPLITTER, POTTED</div> <div>SIZE DWG NO: REV</div> <div>B ATF13-3PBM31J1939-X401 A1</div> <div>SCALE: NONE SHEET 1 OF 1</div>	
1) DIMENSIONS ARE IN METRIC (mm) 2) TOLERANCES ARE AS FOLLOWS: 1 PL DEC: ± 0.5 FRACTIONAL: ± 1/8 2 PL DEC: ± 0.25 ANGLES: ± 1° 3 PL DEC: ± 0.1		DRAWN:	CE	5/15/2024		
3) NOTE REFERENCE = 		CHECKED:				
		ENGINEER:				
		APPROVAL:				
MATERIAL 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.				
WEIGHT:						
DO NOT SCALE DRAWING						