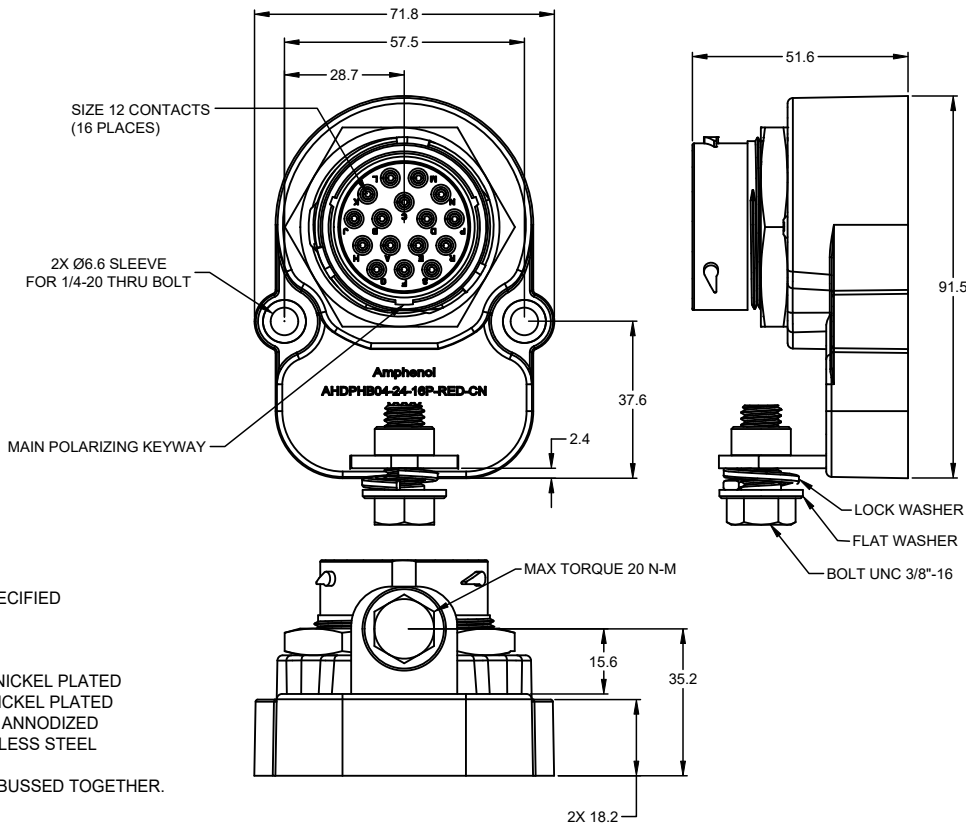


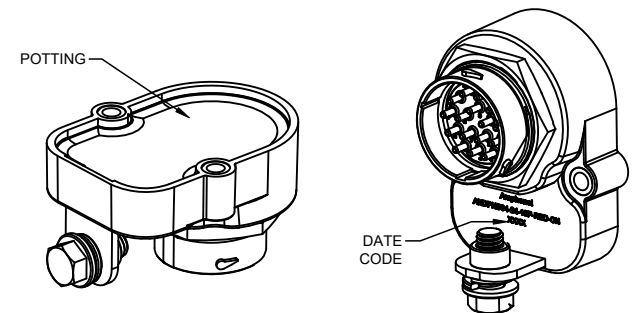


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC
CONTACTS: COPPER ALLOY; NICKEL PLATED
BRACKET: COPPER ALLOY; NICKEL PLATED
SLEEVES: ALUMINUM; BLACK ANNOIDIZED
BOLT, NUT, WASHERS: STAINLESS STEEL
- MODIFICATIONS: ALL 16 PINS BUSSED TOGETHER.
- SPECIFICATIONS:
3.1 CURRENT RATING: 400 AMPS MAX. 25A EACH PIN.
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 MOISTURE RESISTANCE:
IP68(IM OF WATER FOR A PERIOD OF 24 HOURS,MATED CONDITION);
IP69K (MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT
- MATING PART: AHDPO6-24-16S* PLUG
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

PART NUMBER CHART	
COLOR	PART NUMBER
RED	AHDPHB04-24-16P-RED-CN
BLACK	AHDPHB04-24-16P-BLK-CN

REVISIONS				
REV	ECO	DESCRIPTION	DATE	BY
A1	-	NEW RELEASE	09DEC23	MN
A2	-	MODIFIED BUSS PLATE	15JAN24	JHEAD
A3	-	ADDED -CN TO P/N, ADDED CLINCH NUT AND BOLT ASSY, ADDED P/N TO HSG	14JUN24	JHEAD
				TZ



SEE PART NUMBER CHART		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 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DATE DRAWN: MN 09DEC23 CHECKED: ENGINEER: APPROVAL:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
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	TYPE	DWG NO.	REVISION
		B	C-	AHDPHB04-24-16P-X-CN	A3
		SCALE		NONE	SHEET 1 OF 1