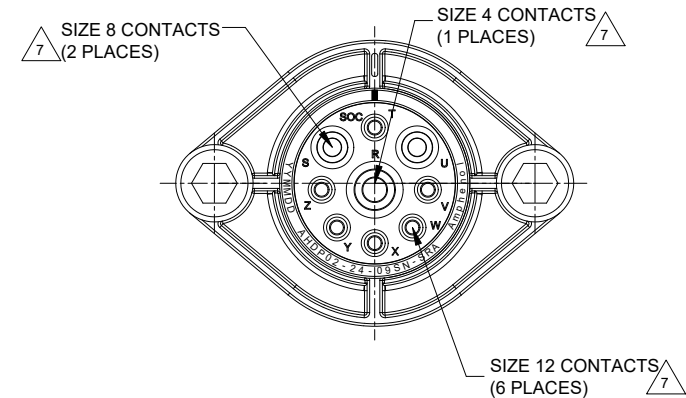
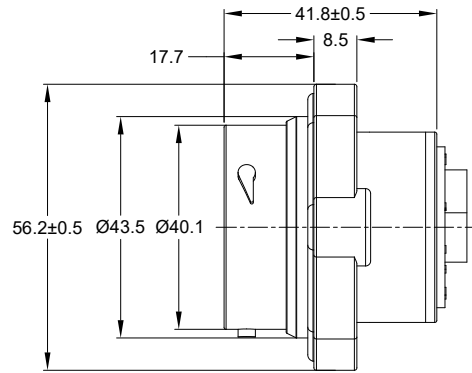
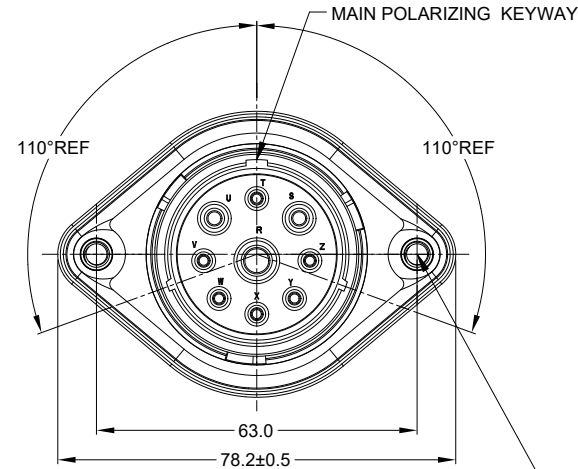
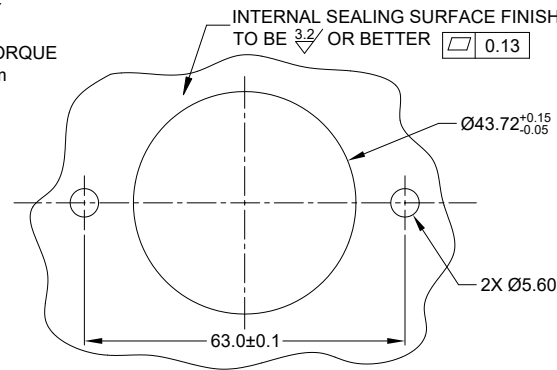




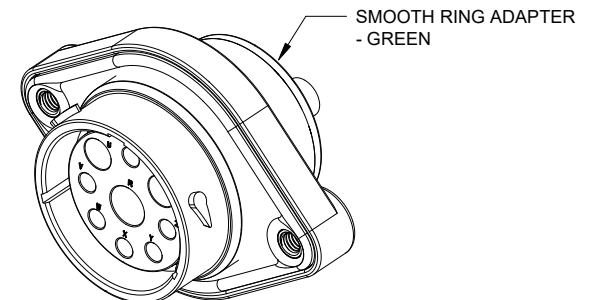
M5X0.8-6H 8mm(2X) DEEP
THREADED INSERT

RECOMMENDED TORQUE
VALUES: 1.9-2.2 N.m



RECOMMENDED PANEL
MOUNTING HOLE

RECOMMENDED PANEL
THICKNESS:1.6 TO 4.7MM



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
THREADED INSERT: STAINLESS STEEL
- MODIFICATIONS: SMOOTH RING ADAPTER (SRA);
NORMAL DIA. WIRE SEAL;
SEALED PANEL MOUNT
- SPECIFICATIONS:
3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
3.4 MOISTURE RESISTANCE:
IP68(IM OF WATER FOR A PERIOD OF 24 HOURS, MATED
CONDITION);
IP69K(MATED CONDITION)
3.5 MATING CYCLE DURABILITY: 100 CYCLES
3.6 RoHS COMPLIANT
- MATING PART: AHDP06-24-09P*-XXX (* = SEAL TYPE, XXX =
ALL MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- RECEPTACLE IS SUPPLIED WITH DUST CAP (NOT SHOW)

CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
4	6.63 mm (.261 in)	7.42 mm (.292 in)	6 AWG (16.0-13.0mm ²)	100 AMPS
8	4.83 mm (.190in)	6.10 mm (.240 in)	8-10 AWG (10.0-5.0mm ²)	60 AMPS
12	3.43 mm (.135 in)	4.32 mm (.170 in)	10-14 AWG (6.0-2.0mm ²)	25 AMPS

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	17/JAN/24	LYNCH	TOMMY

AHDP02-24-09SN-SRA		DESCRIPTION		ITEM	
QUANTITY	PART NUMBER	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
1) All dimensions are in metric(mm).		DRAWN:	LYNCH/PAN		17/JAN/24
2) Tolerances are as follows:		CHECKED:	SULENZHANG		18/JAN/24
1 PL DEC ±0.30		ENGINEER:			
2 PL DEC ±0.15		APPROVAL:	TOMMY/XIE		18/JAN/24
3 PL DEC ±0.08		CUSTOMER:			
3) Note reference =					
MATERIAL SPECIFICATIONS:				9 POS, RECEPTACLE, SOCKET, PANELMATE AHDP SIZE 24,NORMAL SEAL, SRA	
WEIGHT: 62.5g					
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.	
		B	C-	AHDP02-24-09SN-SRA	
		SCALE	NONE	DURAMATE	
			SHEET	1 OF 1	
			REVISION	A1	