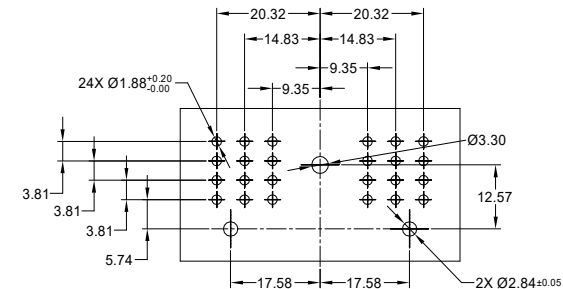
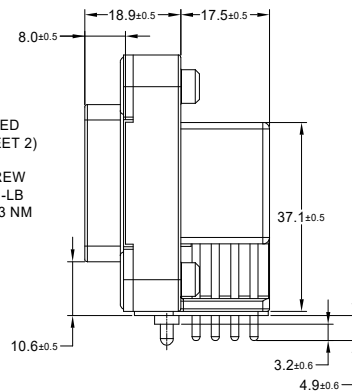
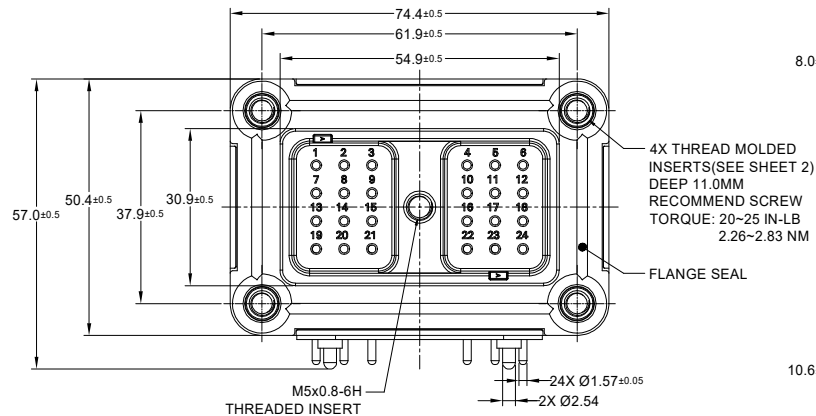
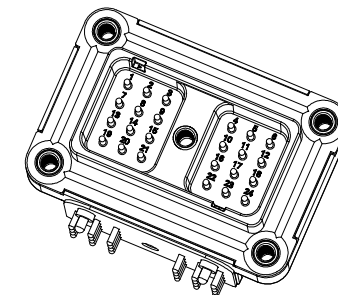
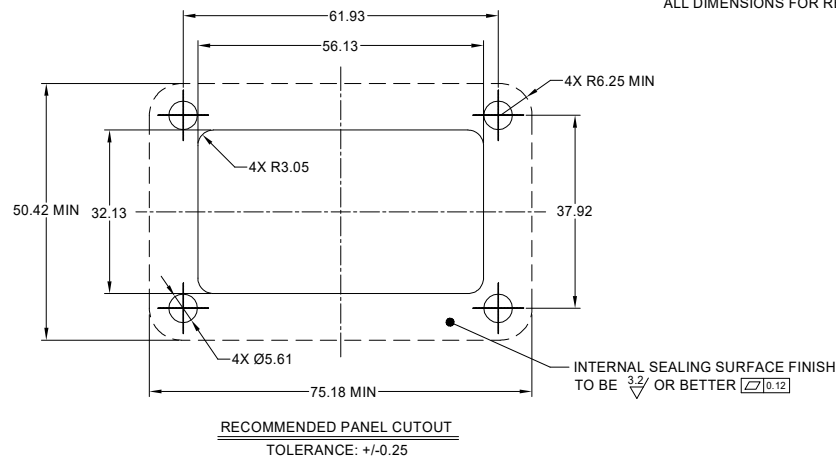
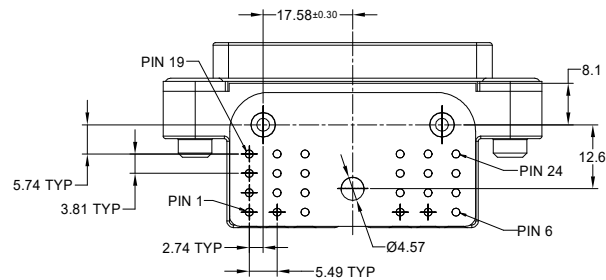


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03/JUL/24	KELIN	TOMMY
A2	-	ADD NEW PART NUMBERS	05/DEC/24	KELIN	TOMMY



TOP VIEW OF PCB
ALL DIMENSIONS FOR REERENCE ONLY(TOL:+/-0.05)



3D VIEW

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
HOUSING: THERMOPLASTIC, BLACK
PIN SPACER: HIGH POLYMER,WHITE
FLANGE SEAL: SILICONE RUBBER,RED
CONTACT: COPPER ALLOY
THREADED INSERTS: STEEL/BRASS

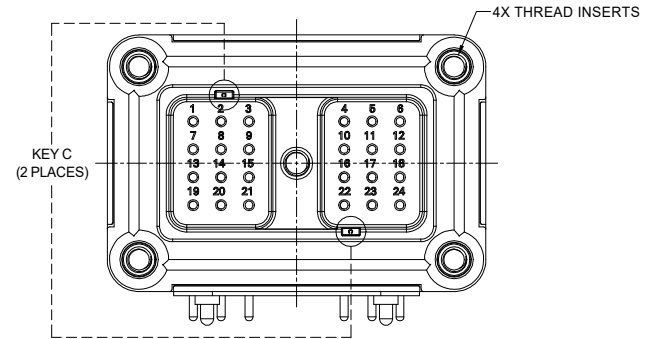
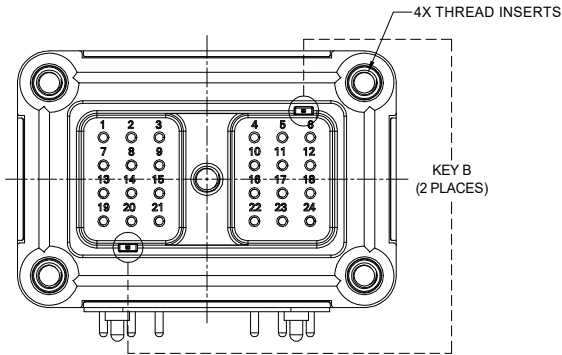
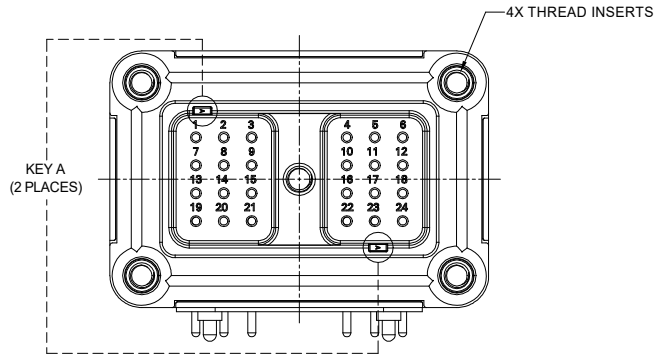
2. MODIFICATIONS: FLANGE MOUNT,PCB,RIGHT ANGLE;

3. 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 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

4. SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS
5. THIS RECEPTACLE MATES WITH ARC16-24SX* PLUG
(X = A,B,C,D KEYS; * = ALL MODIFICATIONS)
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY
7. RECEPTACLE IS SUPPLIED WITH DUST CAP(NOT SHOWN)

SEE SHEET 2					
QUANTITY	PART NUMBER	DESCRIPTION			ITEM
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DRAWN: KELINZHONG CHECKED: SULENZHANG ENGINEER: APPROVAL: TOMMYXIE CUSTOMER:		DATE 04/DEC/24 05/DEC/24 05/DEC/24 05/DEC/24	
MATERIAL SPECIFICATIONS: WEIGHT: 1165g		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
PROCESS SPECIFICATIONS:		24 POS, RECEPTACLE, PIN,RIGHT ANGLE ARC SERIES W/ BOARDLOCK,PCB CONN,BLK			
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.		SIZE B TYPE C- DWG NO: ARC13-24PX-XXXXSP1 REVISION A2	
		SCALE: NONE		SHEET 1 OF 2	

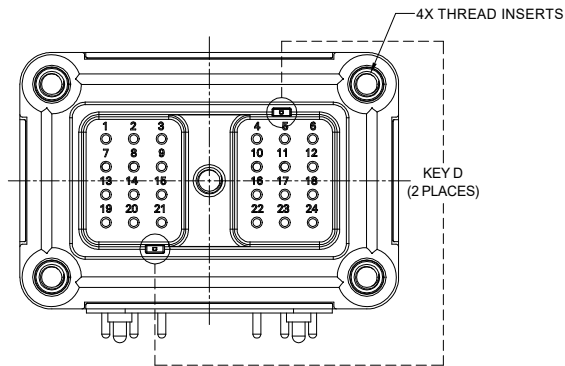
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03/JUL/24	KELIN	TOMMY
A2	-	ADD NEW PART NUMBERS	05/DEC/24	KELIN	TOMMY



ARC13-24PA-XXXXSP1 VARIANTS			
CONTACT PLATING	4X THREAD INSERTS	PART NUMBER	REF
MATING SIDE:NICKEL. PCB SIDE: MATT TIN.	#10-32UNF-2B	ARC13-24PA-BM03SP1	DRC13-24PA
MATING SIDE:PIN1,6,7,12,13,18, 19,24 GOLD,THE REST NICKEL. PCB SIDE: MATT TIN.	M5x0.8-6H	ARC13-24PA-CG01SP1	DRC13-24PA-CG01

ARC13-24PB-XXXXSP1 VARIANTS			
CONTACT PLATING	4X THREAD INSERTS	PART NUMBER	REF
MATING SIDE:NICKEL. PCB SIDE: MATT TIN.	#10-32UNF-2B	ARC13-24PB-BM03SP1	DRC13-24PB
MATING SIDE:PIN1,6,7,12,13,18, 19,24 GOLD,THE REST NICKEL. PCB SIDE: MATT TIN.	M5x0.8-6H	ARC13-24PB-CG01SP1	DRC13-24PB-CG01

ARC13-24PC-XXXXSP1 VARIANTS			
CONTACT PLATING	4X THREAD INSERTS	PART NUMBER	REF
MATING SIDE:NICKEL. PCB SIDE: MATT TIN.	#10-32UNF-2B	ARC13-24PC-BM03SP1	DRC13-24PC
MATING SIDE:PIN1,6,7,12,13,18, 19,24 GOLD,THE REST NICKEL. PCB SIDE: MATT TIN.	M5x0.8-6H	ARC13-24PC-CG01SP1	DRC13-24PC-CG01



ARC13-24PD-XXXXSP1 VARIANTS			
CONTACT PLATING	4X THREAD INSERTS	PART NUMBER	REF
MATING SIDE:NICKEL. PCB SIDE: MATT TIN.	#10-32UNF-2B	ARC13-24PD-BM03SP1	DRC13-24PD
MATING SIDE:PIN1,6,7,12,13,18, 19,24 GOLD,THE REST NICKEL. PCB SIDE: MATT TIN.	M5x0.8-6H	ARC13-24PD-CG01SP1	DRC13-24PD-CG01

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DATE	
2) Tolerances are as follows:		DRAWN: KELINZHONG	
1 PL DEC ±0.30		04/DEC/24	
2 PL DEC ±0.15		CHECKED: SULENZHANG	
3 PL DEC ±0.08		05/DEC/24	
3) Note reference =		ENGINEER:	
		APPROVAL: TOMMYXIE	
		05/DEC/24	
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:		SCALE: NONE	
		SHEET 2 OF 2	