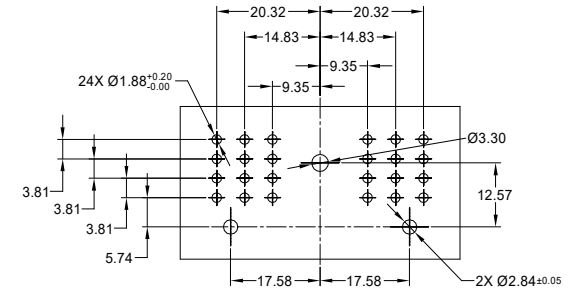
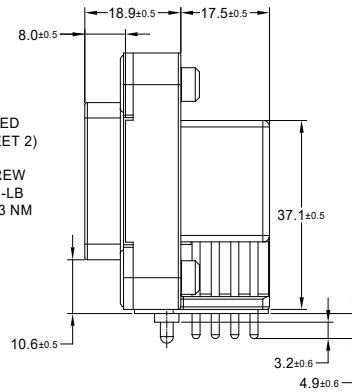
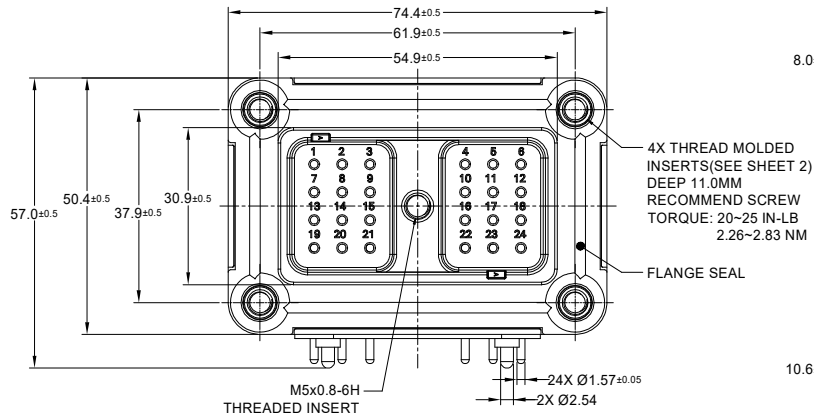
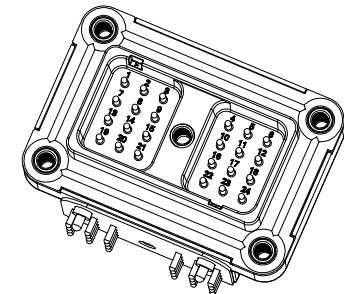
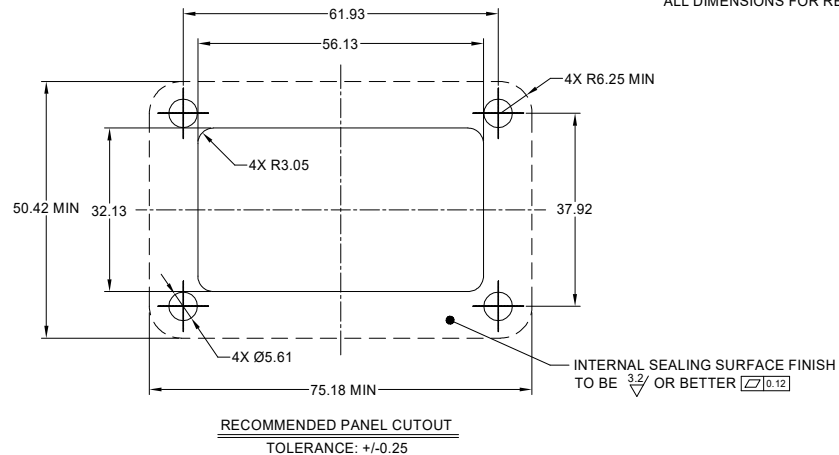
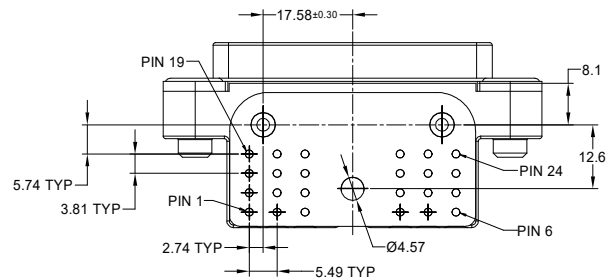


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03/JUL/24	KELIN	TOMMY
A2	-	ADD NEW PART NUMBERS	05/DEC/24	KELIN	TOMMY



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

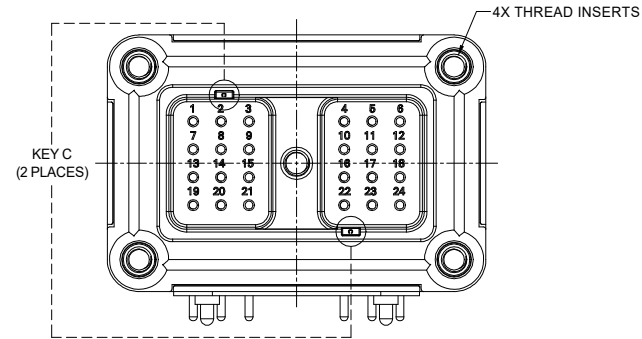
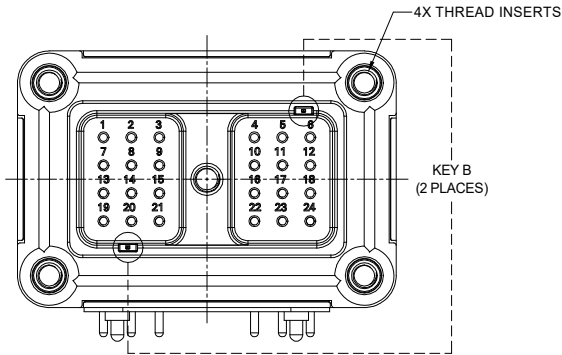
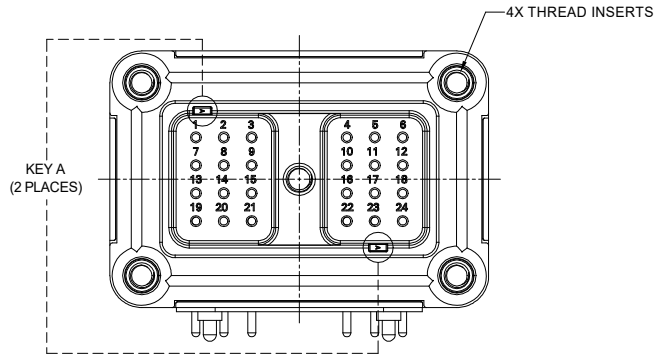
2. MODIFICATIONS: FLANGE MOUNT,PCB,RIGHT ANGLE;

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		SIGNATURES		DATE
1) All dimensions are in metric(mm).		DRAWN:	KELINZHONG	04/DEC/24
2) Tolerances are as follows:		CHECKED:	SULENZHANG	05/DEC/24
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL:	TOMMYXIE	05/DEC/24
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.		
MATERIAL SPECIFICATIONS:		SIZE		
WEIGHT: 1165g		TYPE		DWG NO:
		B C-		ARC13-24PX-XXXXSP1
PROCESS SPECIFICATIONS:		SCALE		NONE
NEXT ASSY:		SHEET		1 OF 2
		REVISION		A2

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

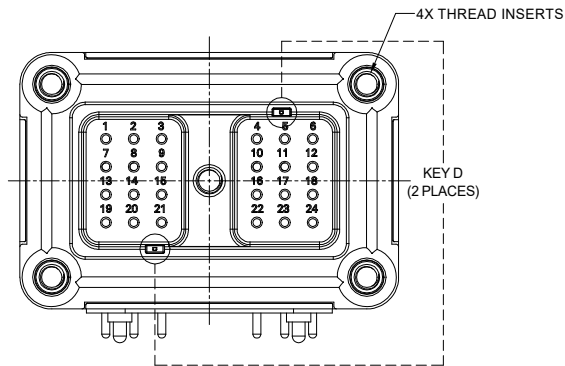


A2

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 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: 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.		DATE 04/DEC/24 05/DEC/24 05/DEC/24 			

TITLE: 24 POS, RECEPTACLE, PIN,RIGHT ANGLE BOARDLOCK,PCB CONN, BLK

DWG NO:

ARC13-24PX-XXXXSP1

REV: A2

SH: 2

OF: 2