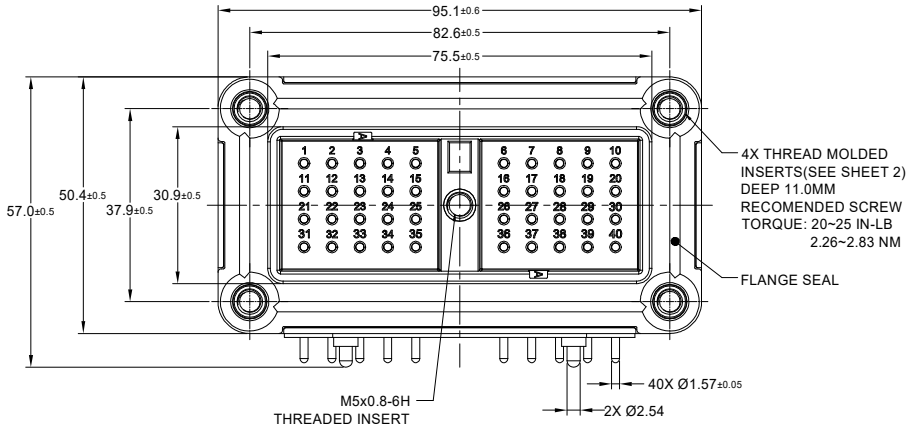
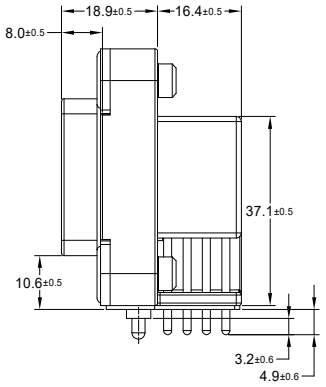
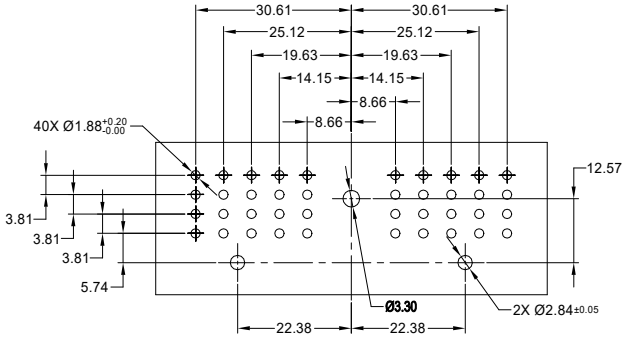
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
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A2	-	ADD NEW PART NUMBERS	05/DEC/24	KELIN	TOMMY

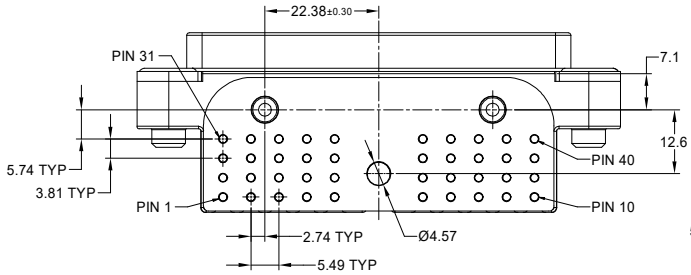


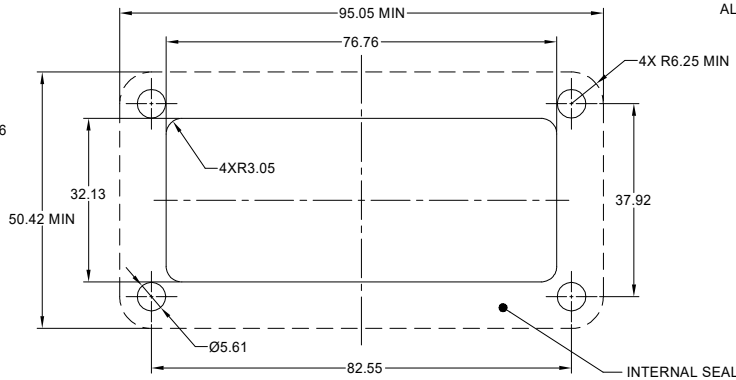




TOP VIEW OF PCB

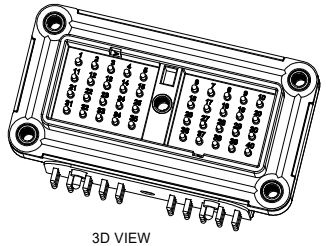
ALL DIMENSIONS FOR REERENCE ONLY(TOL:+/-0.05)





RECOMMENDED PANEL CUTOUT

TOLERANCE: +/-0.25



3D VIEW

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC, BLACK
   PIN SPACER: HIGH POLYMER,WHITE
   FLANGE SEAL: SILICONE RUBBER,RED
   (A2) 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 ARC18-40SX* 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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:
WEIGHT: 150.1g

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	KELIN.ZHONG	04/DEC/24
CHECKED:	SULLEN.ZHANG	05/DEC/24
ENGINEER:		
APPROVAL:	TOMMY.XIE	05/DEC/24
CUSTOMER:		

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Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

40 POS, RECEPTACLE, PIN,RIGHT ANGLE
ARC SERIES W/ BOARDLOCK,PCB CONN,BLK

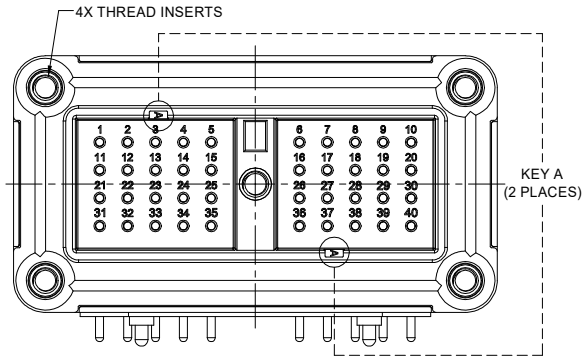
SIZE	TYPE	DWG NO:	REVISION
B	C-	ARC13-40PX-XXXXSP1	A2

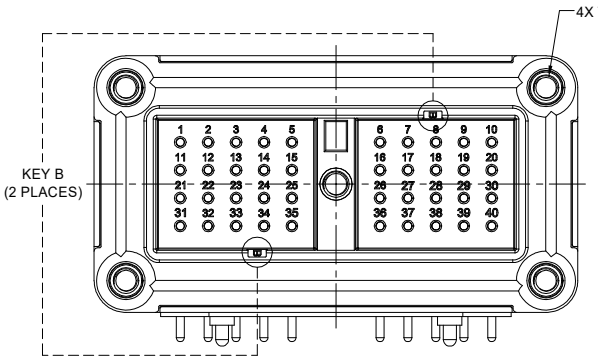
SCALE: NONE SHEET 1 OF 2

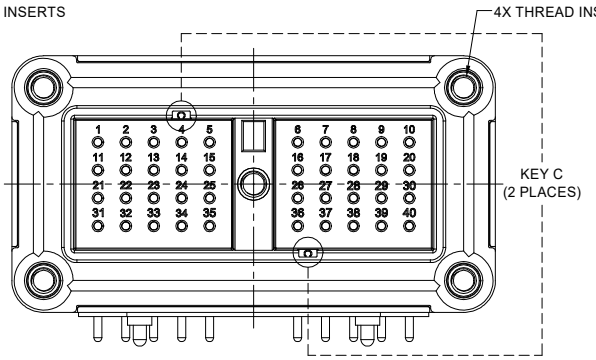
TITLE: 40 POS, RECEPTACLE, PIN,RA,ARC BOARDLOCK,PCB CONN, BLACK
DWG NO: ARC13-40PX-XXXXSP1
REV: A2
SH: 1
OF: 2

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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





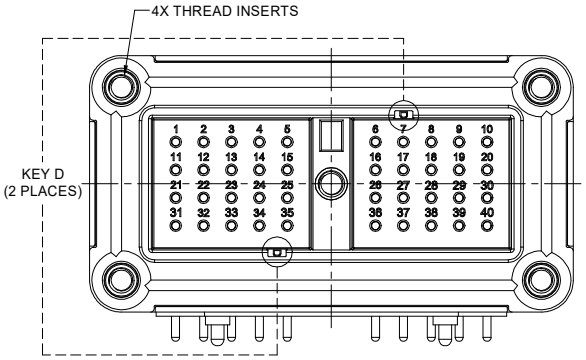


A2

ARC13-40PA-XXXXSP1 VARIANTS			
CONTACT PLATING	4X THREAD INSERTS	PART NUMBER	REF
MATING SIDE: NICKEL. PCB SIDE: MATT TIN.	#10-32UNF-2B	ARC13-40PA-BM03SP1	DRC13-40PA
MATING SIDE:PIN1,10,11,20,21,30, 31,40 GOLD,THE REST NICKEL. PCB SIDE: MATT TIN.	M5x0.8-6H	ARC13-40PA-CG01SP1	DRC13-40PA-CG01

ARC13-40PB-XXXXSP1 VARIANTS			
CONTACT PLATING	4X THREAD INSERTS	PART NUMBER	REF
MATING SIDE: NICKEL. PCB SIDE: MATT TIN.	#10-32UNF-2B	ARC13-40PB-BM03SP1	DRC13-40PB
MATING SIDE:PIN1,10,11,20,21,30, 31,40 GOLD,THE REST NICKEL. PCB SIDE: MATT TIN.	M5x0.8-6H	ARC13-40PB-CG01SP1	DRC13-40PB-CG01

ARC13-40PC-XXXXSP1 VARIANTS			
CONTACT PLATING	4X THREAD INSERTS	PART NUMBER	REF
MATING SIDE: NICKEL. PCB SIDE: MATT TIN.	#10-32UNF-2B	ARC13-40PC-BM03SP1	DRC13-40PC
MATING SIDE:PIN1,10,11,20,21,30, 31,40 GOLD,THE REST NICKEL. PCB SIDE: MATT TIN.	M5x0.8-6H	ARC13-40PC-CG01SP1	DRC13-40PC-CG01



ARC13-40PD-XXXXSP1 VARIANTS			
CONTACT PLATING	4X THREAD INSERTS	PART NUMBER	REF
MATING SIDE: NICKEL. PCB SIDE: MATT TIN.	#10-32UNF-2B	ARC13-40PD-BM03SP1	DRC13-40PD
MATING SIDE:PIN1,10,11,20,21,30, 31,40 GOLD,THE REST NICKEL. PCB SIDE: MATT TIN.	M5x0.8-6H	ARC13-40PD-CG01SP1	DRC13-40PD-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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	KELIN.ZHONG	04/DEC/24
CHECKED:	SULLEN.ZHANG	05/DEC/24
ENGINEER:		
APPROVAL:	TOMMY.XIE	05/DEC/24
CUSTOMER:		

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40 POS, RECEPTACLE, PIN,RIGHT ANGLE
ARC SERIES W/ BOARDLOCK,PCB CONN,BLK

SIZE	TYPE	DWG NO:	REVISION
B	C-	ARC13-40PX-XXXXSP1	A2

SCALE: NONE SHEET 2 OF 2

TITLE: 40 POS, RECEPTACLE, PIN,RA,ARC BOARDLOCK,PCB CONN, BLACK
DWG NO: ARC13-40PX-XXXXSP1
REV: A2
SH: 2
OF: 2

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