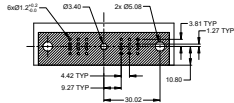
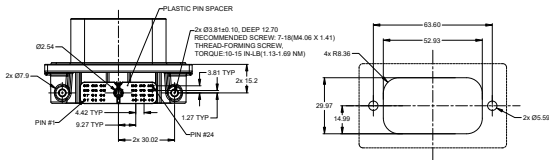
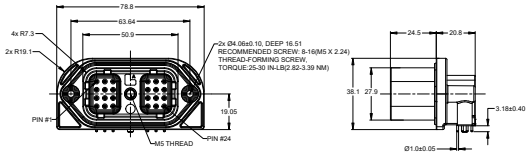


REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	13NOV23	VITO	TOMMY
A2	-	ADDED "BOARDLOCK" TO TITLE	15JUL2024	JHEAD	BL



TOP VIEW OF PCB
ALL DIMENSIONS FOR REFERENCE ONLY

NOTES: UNLESS OTHERWISE SPECIFIED

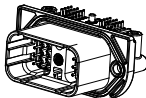
- MATERIAL:
HOUSING: PLASTIC PIN SPACER: THERMOPLASTIC, BLACK
SEAL: SILICONE RUBBER
CONTACT: COPPER ALLOY;
PLATING: ENGAGEMENT END GOLDPLATE, PCB END TIN PLATE
THREADED INSERT: STAINLESS STEEL

- MODIFICATIONS: FLANGE MOUNT, PCB, RIGHT ANGLE;

- SPECIFICATIONS:
3.1 CURRENT RATING: 7.5 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 (1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION);
IP69K (MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT

- RECEPTACLE IS SHIPPED WITHOUT DUST CAP
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

RECOMMENDED PANEL CUTOUT

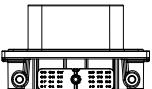
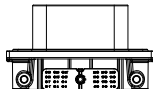
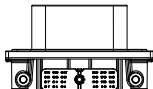
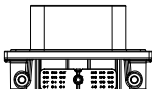
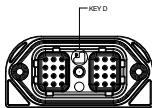
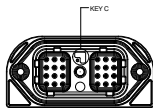
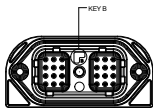
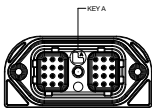


SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS

SEE SHEET 2		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	DESCRIPTION		ITEM
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED:		DISCIPINA TURBINE	DATE:	
1) All dimensions are in millimeters (inches)		ORDER:	13NOV23	
2) Tolerances are as follows:		ORDER:	14NOV23	
1. PL DEC 45-30		APPROVAL:	15NOV23	
2. PL DEC 45-10				
3. PL DEC 45-08				
3) Note reference to				
MATERIAL SPECIFICATIONS:		<p style="text-align: center;">Amphenol</p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p style="text-align: center;">24 POS, RECEPTACLE, PIN, ARC SERIES W/ BOARDLOCK, BLACK, SELECTIVE PLATED</p>		
WEIGHT: 61.6g		<p>THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. SPECIFIC FEATURES, SPECIFICATIONS AND PERFORMANCE DATA ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS BY REPRODUCTION ARE GRANTED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.</p>		
PROCESS SPECIFICATIONS:		SIZE:	REV:	REV:
NEXT ASSY:		B C-	ARC23-24Px-BM01SP1	A2
		FINISH:	NONE	SHEET 1 OF 2

TITLE: RECEPTACLE, PIN, BOARDLOCK, BLACK, SELECTIVE PLATED
DRAWN BY: ARCC23-24Px-BM01SP1
REV: A2
SHEET 1 OF 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	13NOV/23	VITO	TOMMY
A2	-	ADDED "BOARDLOCK" TO TITLE	15JUL2024	JHEAD	BL



ARC23-24Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC23-24PA-BM01SP1	ARC23-24PA

ARC23-24Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC23-24PB-BM01SP1	ARC23-24PB

ARC23-24Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC23-24PC-BM01SP1	ARC23-24PC

ARC23-24Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC23-24PD-BM01SP1	ARC23-24PD

QUANTITY	ARC23-24Px-BM01SP1	DESCRIPTION	ITEM

MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED:	SIGNATURES	DATE	
1) All dimensions are in millimeters (inches)	DESIGN: VITOLU	13NOV23	<p style="text-align: center;">Amphenol</p> <p style="text-align: center;">Site Systems - www.amphenol-site.com 44724 Morley Drive Clinton Township, MI 48036</p> <p style="text-align: center;">24 POS, RECEPTACLE, PIN, ARC SERIES W/ BOARDLOCK, BLACK, SELECTIVE PLATED</p>
2) Tolerances are as follows: 1. PL, DRG: ±0.20 Features ±0.154 2. PL, DRG: ±0.10 3. PL, DRG: ±0.08	CHECKED: ORUKU	14NOV23	
3) Note reference:	ENGINEER:		
	APPROVAL: TOMMY IE	15NOV23	
MATERIAL SPECIFICATIONS:	CUSTOMER:		
WEIGHT: 616g			
PROCESS SPECIFICATIONS:	THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA, BEYOND HEREON, ARE THE PROPERTY OF THE SUPPLIER. REPRODUCTION, NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
REV: 001	SIZE: B	FIN: C-	REVISED: ARC23-24Px-BM01SP1
	REASON: NONE		A2
		Sheet	2 of 2

TITLE: PIN, RECEPTACLE, PIN, ARC SERIES, BLACK, SELECTIVE PLATED | DWG NO: ARC23-24Px-BM01SP1 | REV: A2 | SHEET 2 OF 2