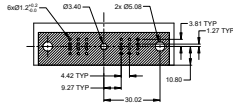
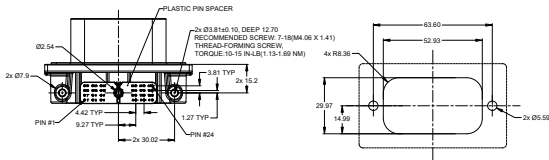
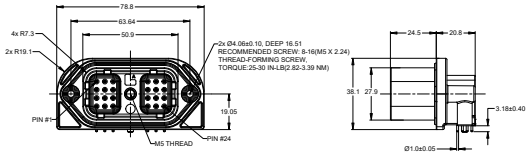


REVISIONS

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

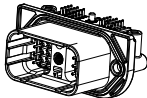
- MATERIAL:  
HOUSING: PLASTIC PIN SPACER: THERMOPLASTIC, BLACK  
SEAL: SILICONE RUBBER  
CONTACT: COPPER ALLOY;  
PLATING: ENGAGEMENT END GOLDPLATE, PCB END TIN PLATE  
THREADED INSERT: STAINLESS STEEL

- 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

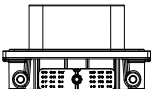
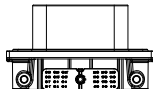
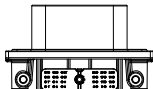
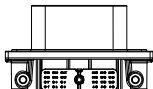
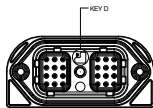
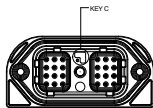
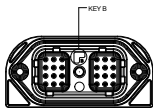
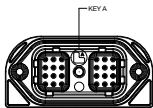


SEE SHEET 2		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	DESCRIPTION		ITEM
<b>MATERIALS LIST</b>				
UNLESS OTHERWISE SPECIFIED:		DISCIPINA TURBOS	DATE:	
1) All dimensions are in millimeters (mm)		CREATED:	WTLU	13NOV23
2) Tolerances are as follows:		CREATED:	ORNLU	14NOV23
1. PL DEC 45-30		APPROVED:	TOMMY XE	15NOV23
2. PL DEC 45-10				
3. PL DEC 45-08				
3) Note reference to				
MATERIAL SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN 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.		
WEIGHT: 61.6g		SIZE:	B C-	ARC23-24Px-BM01SP1
PROCESS SPECIFICATIONS:		FINISH:	NONE	A2
NEXT ASSY:		Sheet 1 of 2		

SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS

TITLE: RECEPTACLE, 24 POS, RIGHT ANGLE, PCB MOUNT, SELECTIVE PLATED  
DRAWING NO: ARC23-24Px-BM01SP1  
REV: A2  
SHEET 1 OF 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	13/NOV/23	VITO	TOMMY
A2	-	ADDED "BOARDLOCK" TO TITLE	15/JUL/2024	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
<b>MATERIALS LIST</b>			
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in millimeters (inches) 2) Tolerances are as follows: 1. PL: DEC: ±0.20   Positions ±0.08 2. PL: DEC: ±0.08 3. PL: DEC: ±0.08 3) No tolerance symbol		SIGNATURES: DATE DESIGNED: VITOLU 13/NOV/23 CHECKED: ORUKU 14/NOV/23 ENGINEER: APPROVAL: TOMMY IE 15/NOV/23 CUSTOMER:	<b>Amphenol</b> Site Systems - www.amphenol-site.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS: WEIGHT: 616g		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA, BEYOND HEREON, ARE THE PROPERTY OF THE SUPPLIER. REPRODUCTION, IN WHOLE OR IN PART, IS PROHIBITED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
PROCESS SPECIFICATIONS: KEY: REF:		SIZE: B C- FINISH: NONE PART: ARC23-24Px-BM01SP1	REVISION: A2 SHEET: 2 OF 2

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