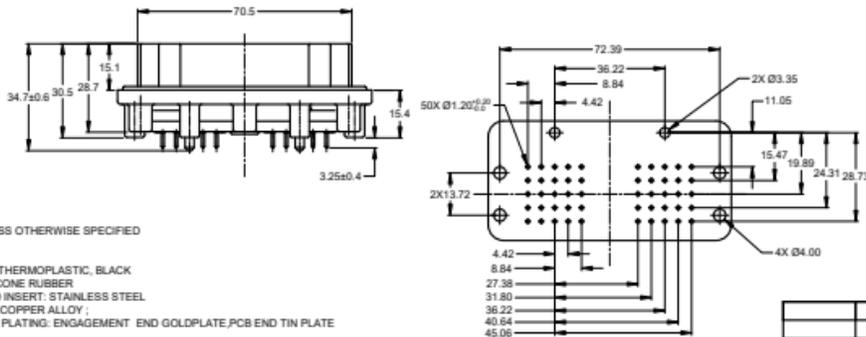
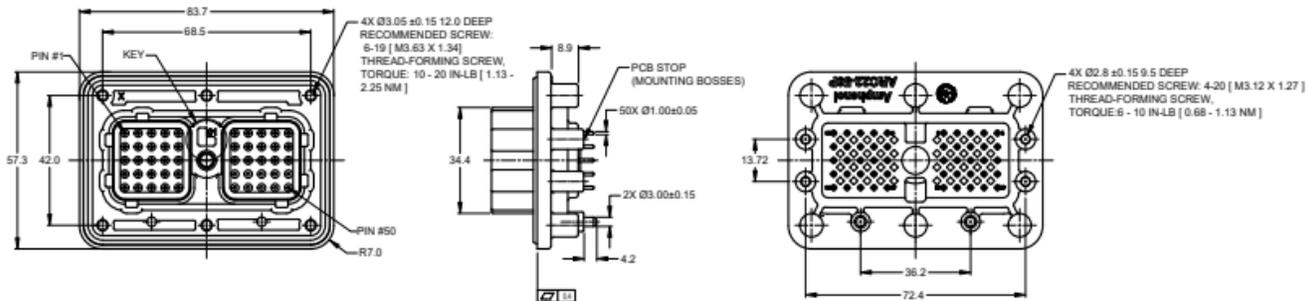


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	13/NOV/23	VITO	TOMMY
A2	-	ADDED "BOARDLOCK" TO TITLE	15/JUL/2024	JHEAD	BL



TOP VIEW OF PCB
ALL DIMENSIONS FOR REFERENCE ONLY

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC, BLACK
SEAL: SILICONE RUBBER
THREADED INSERT: STAINLESS STEEL
CONTACT: COPPER ALLOY;
PLATING: ENGAGEMENT END GOLDPLATE, PCB END TIN PLATE
- MODIFICATIONS: PCB_FLANGE STRAIGHT,
- SPECIFICATIONS:
3.1 CURRENT RATING: 7.5 AMPS MAX.
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

- MATING PART: ARC26-50Sx* PLUG
(x = 01,02,03... KEYS : * = ALL MODIFICATIONS)
SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS
- RECEPTACLE IS SHIPPED WITHOUT DUST CAP
- ALL DIMENSIONS ARE FOR REFERENCE ONLY

QUANTITY	SEE SHEET 2	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in millimeters. 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±0.04 2 PL DEC ±0.16 Angles ±1° 3 PL DEC ±0.08		RECOMPLUSE	DATE	
3) Note reference to		WTO	13/NOV/23	
		CREATED:	ORON	14/NOV/23
		APPROVAL:	TOMMY	15/NOV/23
MATERIAL SPECIFICATIONS: WEIGHT: 64.3g		CUSTOMER: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA ARE THE PROPERTY OF THE DRAWING. COPIATION, REPRODUCTION OR REUSE OF THIS DRAWING IS PROHIBITED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
PROCESS SPECIFICATIONS:		80 POS, RECEPTACLE, PIN, ARC SERIES W/ BOARDLOCK, KEYS, BLK, SELECTIVE PLATED		
REV: 001	REV: 001	REV: 001	REV: 001	REV: 001
REV: NONE	REV: NONE	REV: NONE	REV: NONE	REV: NONE
				Sheet 1 of 2

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



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P01-BM01SP1	ARC22-50P01



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P03-BM01SP1	ARC22-50P03



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P05-BM01SP1	ARC22-50P05



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P07-BM01SP1	ARC22-50P07



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P09-BM01SP1	ARC22-50P09



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P02-BM01SP1	ARC22-50P02



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P04-BM01SP1	ARC22-50P04



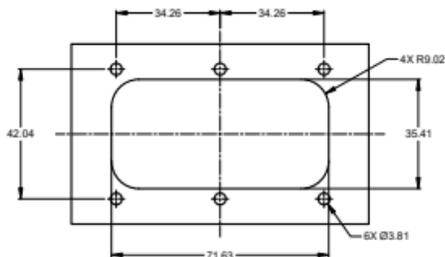
ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P06-BM01SP1	ARC22-50P06



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P08-BM01SP1	ARC22-50P08



ARC22-50Px-BM01SP1 VARIANTS	
PART NUMBER	REF
ARC22-50P10-BM01SP1	ARC22-50P10



RECOMMENDED PANEL CUT OUT

FOR REFERENCE ONLY.
SURFACE FINISH TO BE ∇ OR BETTER

QUANTITY	ARC22-50Px-BM01SP1	DESCRIPTION	ITEM
	PART NUMBER		
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in millimeters 2) Tolerances are as follows: 1 PL DEC: ±0.30 2 PL DEC: ±0.50 3 PL DEC: ±0.68 3) Hole reference: Δ		SERIAL NUMBER: _____ DATE: _____ DESIGNED: VITO 13NOV23 CHECKED: JCRN 14NOV23 ENGINEER: _____ APPROVAL: TOMMY 15NOV23 DESIGNER: _____	Amphenol Site Systems - www.amphenol-site.com 44724 Morley Drive Clinton Township, MI 48035
MATERIAL SPECIFICATIONS: WEIGHT 043g		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN, PERFORMANCE SPECIFICATIONS AND PERFORMANCE DATA OF THIS PRODUCT ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE GRANTED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	50 POS. RECEPTACLE, PIN, ARC SERIES W/ BOARDLOCK, KEYED, BLK, SELECTIVE PLATED
PROCESS SPECIFICATIONS: NEXT ASBY:		SIZE: B C- COLOR: NONE	PART NUMBER: ARC22-50Px-BM01SP1 REV: A2
		Sheet 2 of 2	