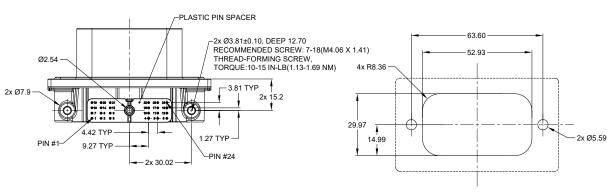


-3.18±0.40

| | | REVISIONS | NS | | | | | | |
|-----|-----|---------------------|-----------|------|-------|--|--|--|--|
| REV | ECO | DESCRIPTION | DATE | BY | APPR | | | | |
| A1 | - | RELEASE NEW DRAWING | 13/NOV/23 | VITO | TOMMY | | | | |



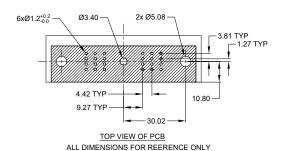
-2x Ø4.06±0.10, DEEP 16.51

THREAD-FORMING SCREW, TORQUE:25-30 IN-LB(2.82-3.39 NM)

19.05

RECOMMENDED SCREW: 8-16(M5 X 2.24)

38.1 27.9



NOTES: UNLESS OTHERWISE SPECIFIED

4x R7.3 -

2x R19.1-

HOUSING, PLASTIC PIN SPACER: THERMOPLASTIC, BLACK SEAL: SILICONE RUBBER CONTACT: COPPER ALLOY;

PLATING: ENGAGEMENT END GOLDPLATE, PCB END TIN PLATE THREADED INSERT: STAINLESS STEEL

63.64

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

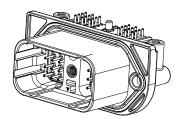
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 7.5 AMPS
 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC
 - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C
 - 3.5 MOISTURE RESISTANCE:
 - IP68 (IM OF WATER FOR A 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



- 24.5 - | - - 20.8 - -

Ø1.0±0.05



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

| SEES | | SHEET 2 | | | | | | | | | |
|---|----------------------------------|---|---------------|--|-------------------------------------|---------|--------------------------|------|-------|----|--|
| QUANTITY | PART N | NUMBER | | | DESCRIPTION | | | | ITEM | | |
| | | MA | T | ERI | ALS | S LI | ST | | | | |
| | WISE SPECIFIED | SIGNATURES DA | | DATE | Amphonol | | | | | | |
| 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/6/ | | DRAWN: VITO.L | I | 13/NOV/23 | Ampheno | | | וכ | · 📕 | | |
| 2 PL DEC ±0.15 3 PL DEC ±0.08 | Fractions ±1/64 Angles ±1* | CHECKED: ORION. | Ц | 14/NOV/23 | Sine Systems - www.amphenol-sine.co | | | m | | | |
| a) Note reference = X MATERIAL SPECIFICATIONS: WEIGHT: 61.6 g PROCESS SPECIFICATIONS: | | ENGINEER: | | | 44724 Morley Drive | | | | | | |
| | | APPROVAL: TOMMY. | Œ | 15/NOV/23 | | | Clinton Township, MI 480 | 30 | | | |
| | | CUSTOMER: | | 24 POS, RECEPTACLE, PIN, | | | | | | | |
| | | THIS DRAWING IS SUPP | | | AF | RC SEI | RIES,BLACK,SELEC | TIVE | PLATI | ED | |
| | | SPECIFICATIONS AND F SHOWN HEREON ARE T THE AMPHENOL CORPO OF REPRODUCTION AR DIMENSIONS ARE SUBJ | HE PROPERTION | OPERTY OF ON. NO RIGHTS JED. ALL | | C- | ARC23-24Px-B | M01S | P1 | A1 | |
| NEXT ASS'Y: | ASS'Y: MANUFACTURING VARIATIONS. | | SCALE: N | ONE | | знеет 1 | OF | 2 | | | |

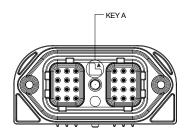
24 POS, RECEPTACLE, PIN, ARC SERIES, BLACK, SELECTIVE PLATED DWG NO:

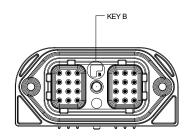
ARC23-24Px-BM01SP1 REV

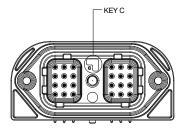
3 £

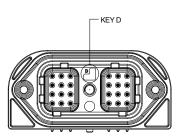
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| | REVISIONS | | | | | | | | | |
|-----|-----------|---------------------|-----------|------|-------|--|--|--|--|--|
| REV | ECO | DESCRIPTION | DATE | BY | APPR | | | | | |
| A1 | - | RELEASE NEW DRAWING | 13/NOV/23 | VITO | TOMMY | | | | | |



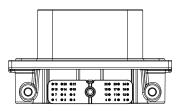


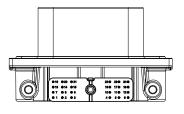


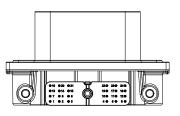


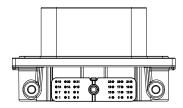
TITLE: 24 POS, RECEPTACLE, PIN, ARC SERIES, BLACK, SELECTIVE PLATED

DWG NO: ARC23-24Px-BM01SP1 REV: A1 SH: 2









| ARC23-24Px-BM01SP1 | VARIANTS | | |
|--------------------|------------|--|--|
| PART NUMBER | REF | | |
| ARC23-24PA-BM01SP1 | DRC23-24PA | | |

| ARC23-24Px-BM01SP1 | VARIANTS |
|--------------------|------------|
| PART NUMBER | REF |
| ARC23-24PB-BM01SP1 | DRC23-24PB |

| ARC23-24Px-BM01SP1 | VARIANTS |
|--------------------|------------|
| PART NUMBER | REF |
| ARC23-24PC-BM01SP1 | DRC23-24PC |

| ARC23-24Px-BM01SP1 VARIANTS | | | | | | | |
|-----------------------------|------------|--|--|--|--|--|--|
| PART NUMBER | REF | | | | | | |
| ARC23-24PD-BM01SP1 | DRC23-24PD | | | | | | |

| | | ARC23-24 | ARC23-24Px-BM01SP1 | | | | | | | | | |
|--|--|-------------------|---|---|---|---|-----------|--------------------------|-------|-----|------|----|
| | QUANTITY | NTITY PART NUMBER | | | | DE | SCRIPTION | | | | ITEM | |
| | | | | MAT | ERI | ALS | S LI | ST | | | | |
| | UNLESS OTHER | | SIGN | NATURES | JRES DATE A | | | $\overline{}$ | ī | | | |
| | 2) Tolerance are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 3 PL DEC ±0.08 Angles ±1* 3) Note reference = X | | DRAWN: | VITO.LI | 13/NOV/23 | * Amphenol | | | | | | |
| | | | CHECKED: | ORION.LI | 14/NOV/23 | Sine Systems - www.amphenol-sine.com | | | | | | |
| | | | ENGINEER: | | | 44724 Morley Drive Clinton Township, MI 48036 | | | | | | |
| | | | APPROVAL: | TOMMY.XIE | 15/NOV/23 | | | Clinton Township, IVI 46 | J30 | | | |
| | | | CUSTOMER: | | - | 1 | 24 | POS, RECEPTAC | LE, P | ΊN, | | |
| | | | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES. | | ARC SERIES,BLACK,SELECTIVE PLATED | | | | ED | | | |
| | | | SPECIFICATION SHOWN HERE THE AMPHEN OF REPRODU | N ONLY. DESIGN ONS AND PERFO EON ARE THE PI IOL CORPORATI ICTION ARE IMP ARE SUBJECT T | ORMANCE DATA ROPERTY OF ON. NO RIGHTS LIED. ALL TO NORMAI | B | C- | ARC23-24Px-I | 3M01 | ISP | - 1 | A1 |
| | | | MANUFACTURING VARIATIONS. | | IS. | SCALE: N | ONE | | SHEET | 2 | OF | 2 |