



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
HOUSING: THERMOPLASTIC
CONTACT: COPPER ALLOY
PLATING: NICKEL UNDERPLATE
SEE CHART FOR OVERALL FINISH
2. MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SCREW BOSS, KEYED, HOUSING COLOR
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: IP67 (MATED CONDITION)
 - 3.6 MATING CYCLE DURABILITY: 100 CYCLES
 - 3.7 RoHS COMPLIANT
4. MATING PART: AT06-6S* PLUG
(* = MODIFICATIONS AND COLORS)
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| REVISIONS | | | | | |
|-----------|-----|----------------------|-----------|-------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE | 19/MAR/19 | BROOK | TOMMY |
| A2 | - | MODIFIED DESCRIPTION | 12JUL19 | BROOK | TOMMY |

ATF13-6PX-BM3X VARIANTS

6P KEYWAY

6P2 KEYWAY

| PART NUMBER | CONTACT PLATING | HSG COLOR | PART NUMBER | CONTACT PLATING | HSG COLOR |
|---------------|-----------------|-----------|-------------------|-----------------|-----------|
| ATF13-6P-BM31 | GOLD | BLACK | ATF13-6P2-BM31BLU | GOLD | BLUE |
| ATF13-6P-BM33 | TIN | BLACK | ATF13-6P2-BM33BLU | TIN | BLUE |

| | | | | |
|---|----------------|---|--|--|
| SEE PART NUMBER CHART | | | | |
| PART NUMBER | | DESCRIPTION | | |
| QUANTITY | MATERIALS LIST | | | ITEM |
| <small>UNLESS OTHERWISE SPECIFIED</small> 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 = | | SIGNATURES DATE DRAWN: BROOKING 12/JUL/19 CHECKED: ORION LI 12/JUL/19 ENGINEER: APPROVAL: TOMMY XIE 12/JUL/19 CUSTOMER: | | <h1 style="margin: 0;">Amphenol</h1> <p style="font-size: small; margin: 0;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> |
| <small>MATERIAL SPECIFICATIONS:</small> <small>PROCESS SPECIFICATIONS:</small> <small>NEXT ASSY:</small> | | <small>THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.</small> | | RIGHT ANGLE RECEPTACLE, AT 6 PIN, SCREW BOSS, BOARDLOCK, EXT. HGT <div style="display: flex; justify-content: space-between;"> B C- ATF13-6PX-BM3XXXX A2 </div> <p style="font-size: small; margin: 0;">SCALE: NONE SHEET 1 OF 1</p> |

TITLE: RIGHT ANGLE RECEPTACLE, SCREW BOSS, BOARDLOCK, EXT. HGT
DWG NO: ATF13-6PX-BM3XXXX
REV: A2
SH: 1
OF: 1