



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 =		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> <tr> <td>DRAWN: BROOKING</td> <td>12/JUL/19</td> </tr> <tr> <td>CHECKED: ORION LI</td> <td>12/JUL/19</td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: TOMMY XIE</td> <td>12/JUL/19</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </table>		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="margin: 0; font-size: small;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>	
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<small>MATERIAL SPECIFICATIONS:</small>  <small>PROCESS SPECIFICATIONS:</small>  <small>NEXT ASSY:</small>		<b>RIGHT ANGLE RECEPTACLE, AT 6 PIN, SCREW BOSS, BOARDLOCK, EXT. HGT</b>		<small>REVISION</small> <b>A2</b>													
<small>SIZE</small> TYPE DWG NO. SCALE NONE SHEET 1 OF 1		<b>B C-</b> ATF13-6PX-BM3XXXX		<small>REVISION</small> <b>A2</b>													

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