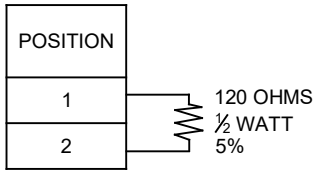
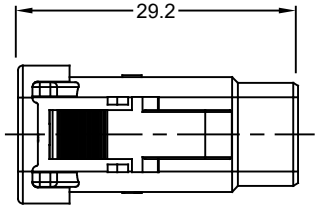
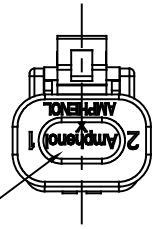
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	23MAY2017	JAH	
A2	-	CHANGED TO CHARTED DRAWING	16APR2018	JAH	

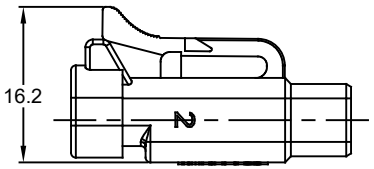


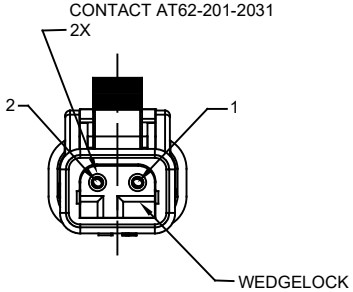
WIRING DIAGRAM

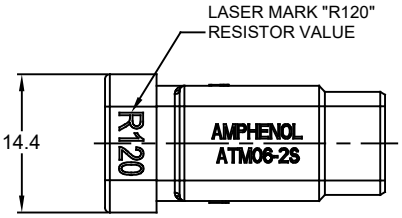


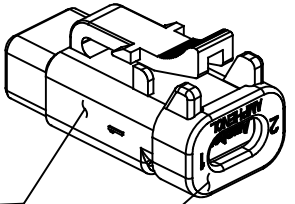


SOLID REAR SEAL









NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING, END CAP, WEDGE: THERMOPLASTIC
   SEALS: SILICONE RUBBER

2. MODIFICATIONS: END CAP, SOLID SEAL, GOLD CONTACTS, RESISTOR, WEDGE AWM-2S, LASER MARKING, COLOR .

3. SPECIFICATIONS:
   3.1 CURRENT RATING: 7.5 AMPS
   3.2 OPERATING TEMPERATURE: -55°C TO +125°C
   3.3 CONTACT SIZE: 20
   3.4 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
   3.5 MATING CYCLE DURABILITY: 100 CYCLES
   3.6 RoHS COMPLIANT

4. MATING PART: ATM04-2P* RECEPTACLE
   (* = MODIFICATIONS AND COLORS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

PART NUMBER CHART	
COLOR	PART NUMBER
GREY	ATM06-2S-R120GRY
BLACK	ATM06-2S-R120BLK
BLUE	ATM06-2S-R120BLU
BROWN	ATM06-2S-R120BRN
GREEN	ATM06-2S-R120GRN
RED	ATM06-2S-R120RED
WHITE	ATM06-2S-R120WHT
YELLOW	ATM06-2S-R120YEL

	SEE CHART		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

UNLESS OTHERWISE SPECIFIED
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 = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES	DATE
DRAWN: JAH	23MAY2017
CHECKED:	
ENGINEER:	
APPROVAL:	
CUSTOMER:	

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Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

PLUG, 2-WAY ATM, 120 OHM, 1/2W

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM06-2S-R120XXX	A2

SCALE: NONE SHEET 1 OF 1

TITLE: PLUG, 2-WAY ATM, 120 OHM, 1/2W
DWG NO: ATM06-2S-R120XXX
REV: A2
SH: 1
OF: 1