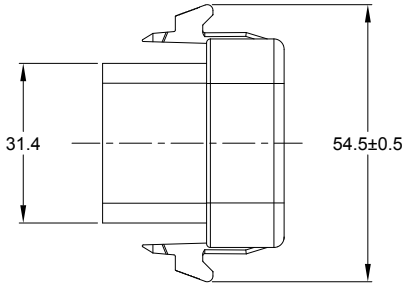
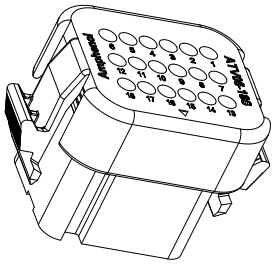
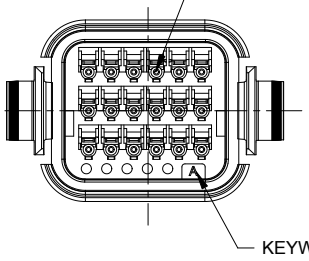
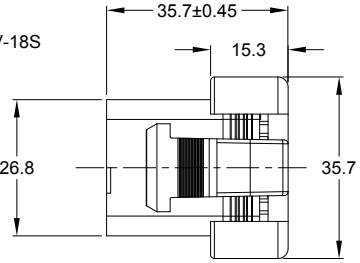
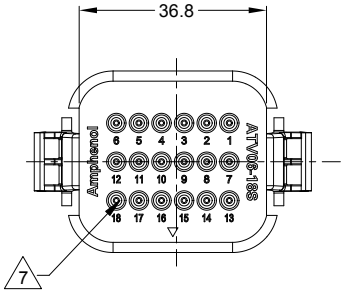
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REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	26JUN18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY

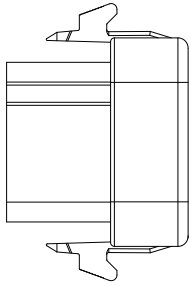












NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER , COLOR: YELLOW

3. MODIFICATIONS: REDUCED DIAMETER WIRE SEAL

4. SPECIFICATIONS:
   4.1 CURRENT RATING: 13 AMPS
   4.2 OPERATING TEMPERATURE: -55°C TO +125°C.
   4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
   (A2) 4.5 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION)
   4.6 MATING CYCLE DURABILITY: 100 CYCLES
   4.7 RoHS COMPLIANT

5. MATING PART: ATV02-18PX* RECEPTACLE & ATV04-18PX* RECEPTACLE
   (X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	1.12 mm (.044 in)	2.31 mm (.090 in)	16 - 22 AWG

	SEE SHEET 2		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerance 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:	SULLEN.ZHANG	19FEB19
CHECKED:	ORION.LI	19FEB19
ENGINEER:		
APPROVAL:	TOMMY.XIE	19FEB19
CUSTOMER:		

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

PLUG, 18 PIN, ATV SERIES
REDUCED DIAMETER WIRE SEAL

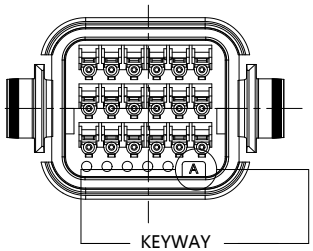
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SCALE: NONE SHEET 1 OF 2

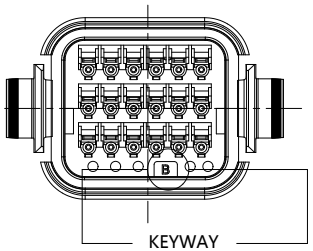
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DWG NO: ATV06-18SX-RR01
REV: A2
SH: 1
OF: 2

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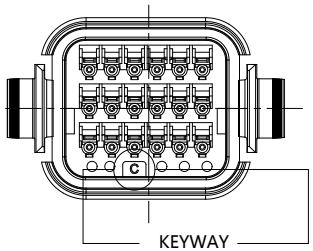
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	26JUN18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY



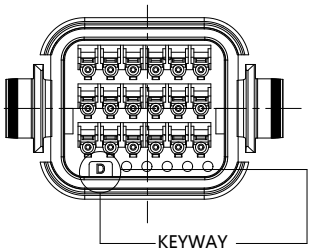
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV06-18SA-RR01



KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	ATV06-18SB-RR01



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREEN	ATV06-18SC-RR01



KEY-D CONFIGURATION	
COLOR	PART NUMBER
BROWN	ATV06-18SD-RR01

	SEE CONFIGURATION CHART		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

UNLESS OTHERWISE SPECIFIED
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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:	SULLEN.ZHANG	19FEB19
CHECKED:	ORION.LI	19FEB19
ENGINEER:		
APPROVAL:	TOMMY.XIE	19FEB19
CUSTOMER:		

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44724 Morley Drive
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PLUG, 18 PIN, ATV SERIES
REDUCED DIAMETER WIRE SEAL

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATV06-18SX-RR01	A2

SCALE: NONE SHEET 2 OF 2

TITLE: PLUG, 18 PIN, ATV SERIES, REDUCED DIAMETER WIRE SEAL
DWG NO: ATV06-18SX-RR01
REV: A2
SH: 2
OF: 2

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