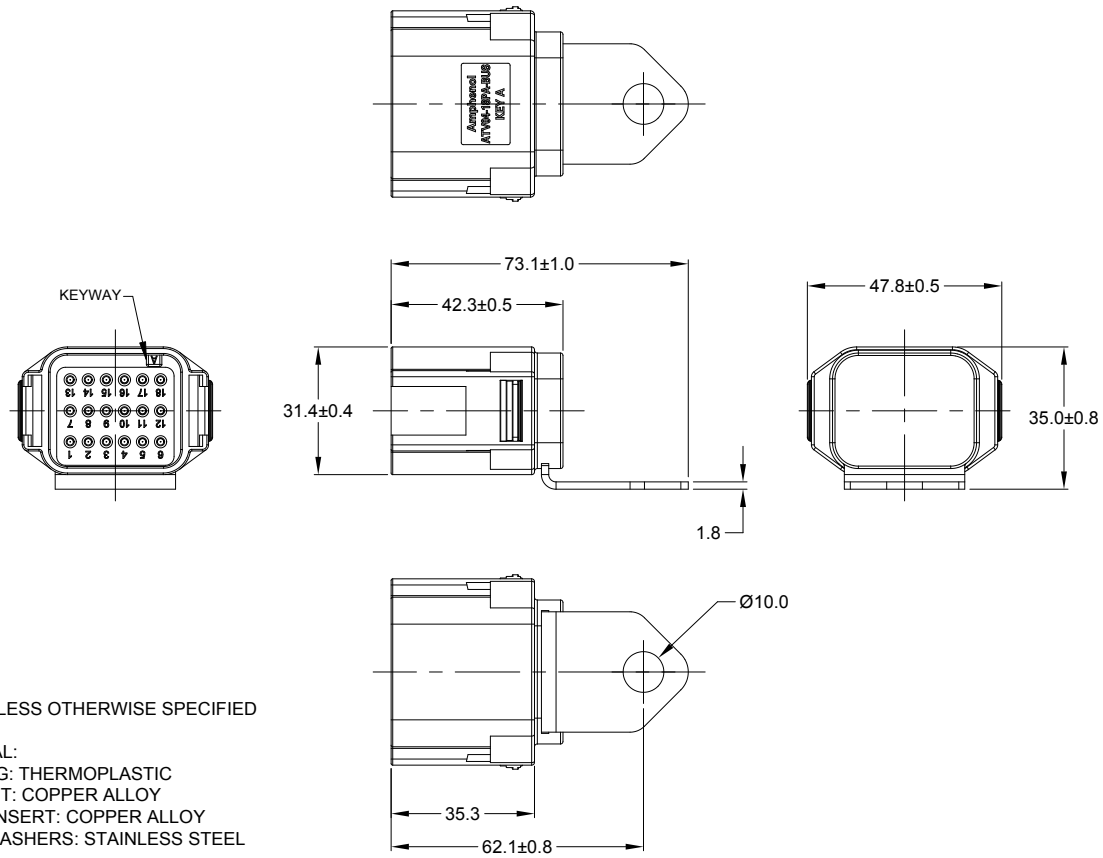
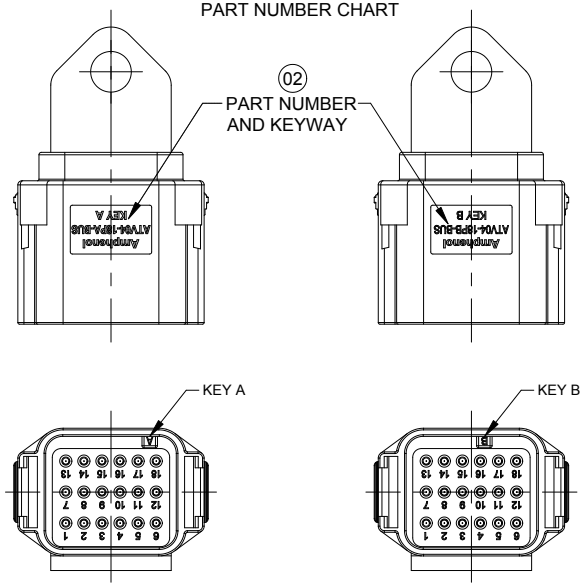
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	PRELIMINARY DRAWING	15AUG18	SULLEN	TOMMY
02	-	UPDATE DRAWING	30AUG18	SULLEN	TOMMY
03	-	UPDATE DRAWING	21FEB19	SULLEN	TOMMY



PART NUMBER CHART



KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV04-18PA-BUS

KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	ATV04-18PB-BUS

NOTES: UNLESS OTHERWISE SPECIFIED

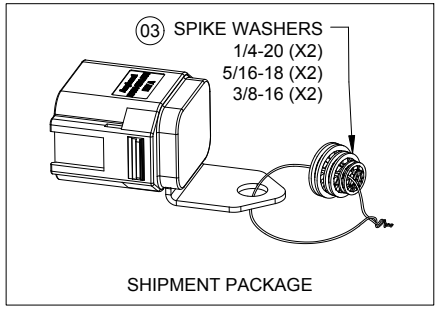
1. MATERIAL:
   HOUSING: THERMOPLASTIC
   CONTACT: COPPER ALLOY
   METAL INSERT: COPPER ALLOY
   (03) SPIKE WASHERS: STAINLESS STEEL

2. MODIFICATIONS: GROUNDING BUSS

(03) 3. SPECIFICATIONS:
   3.1 CURRENT RATING: 230 AMPS
   3.2 OPERATING TEMPERATURE: -55°C TO +125°C
   3.3 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C
   3.4 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
   3.5 MATING CYCLE DURABILITY: 100 CYCLES
   3.6 RoHS COMPLIANT

4. MATING PART: ATV06-18SX* PLUG
   (X = A,B KEYS ; * = MODIFICATIONS AND COLORS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY



SHIPMENT PACKAGE

	SEE PART NUMBER CHART		
	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	21FEB19
CHECKED:	ORION.LI	21FEB19
ENGINEER:		
APPROVAL:	TOMMY.XIE	21FEB19
CUSTOMER:		

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Amphenol

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

RECEPTACLE, 18 PIN, BUSS,
ATV SERIES

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATV04-18PX-BUS	03

SCALE: NONE SHEET 1 OF 1

TITLE: RECEPTACLE, 18 PIN, BUSS, ATV SERIES
DWG NO: ATV04-18PX-BUSS
REV: 03
SH: 1
OF: 1