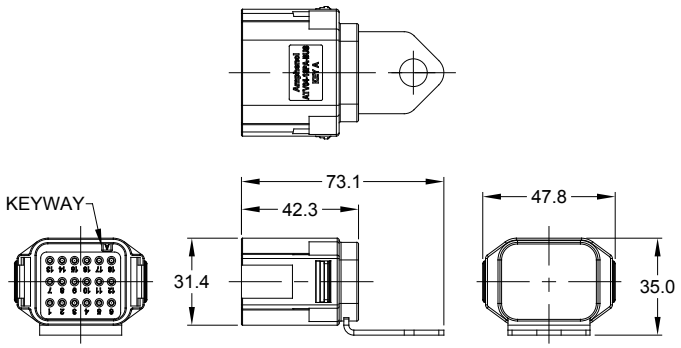
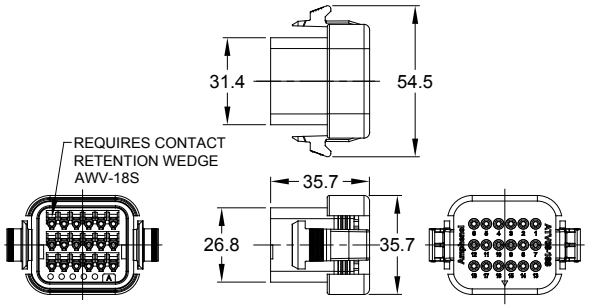
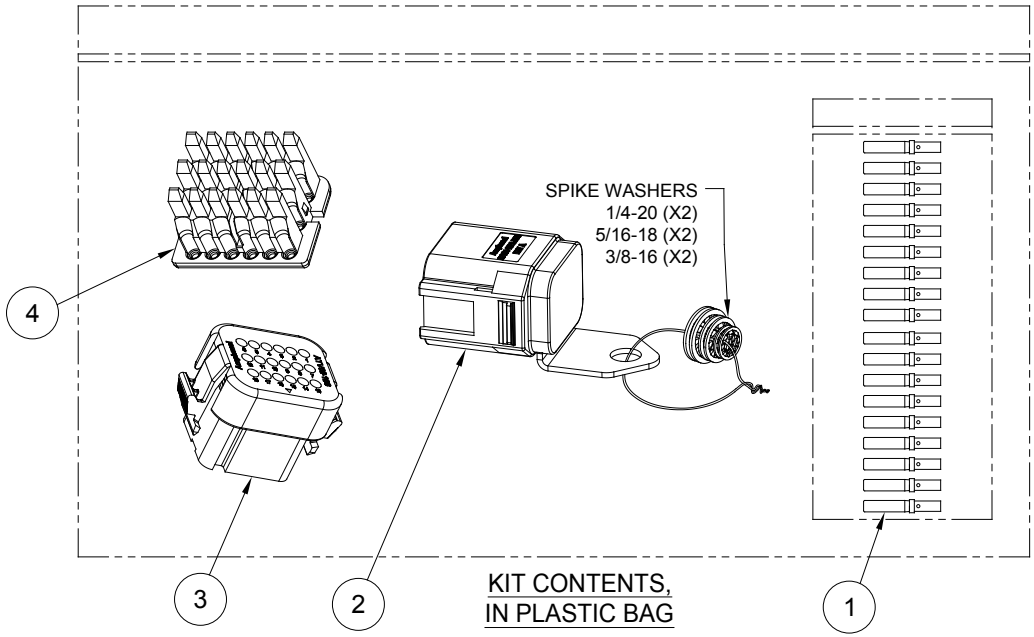
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	10JUN19	JAH	DH
A2	-	UPDATED PLUG VIEWS AND WIRE RANGE	16JUL19	JAH	DH
A3	-	UPDATED MAX. INSUL O.D.	05DEC19	SULLEN	TOMMY



REFERENCE DIMENSIONS - BUS RECEPTACLE



REFERENCE DIMENSIONS - ASSEMBLED PLUG



KIT CONTENTS,
IN PLASTIC BAG

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC
   CONTACT: COPPER ALLOY, NICKEL PLATED
   METAL INSERT: COPPER ALLOY, NICKEL PLATED
   SPIKE WASHERS: STAINLESS STEEL

2. 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. AVAILABLE HAND CRIMPER: CA-5D12

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

ATV46-18PSX-BUSCKIT VARIANTS		
COLOR	PART NUMBER	KEY
GREY	ATV46-18PSA-BUSCKIT	A
BLACK	ATV46-18PSB-BUSCKIT	B

6. CONTACT SIZE AND PLUG REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.23 mm (.088 in)	3.00 mm (.118 in)	14-20 AWG (2.0-0.5mm²)

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
1	AWV-18S	S-WEDGELOCK 18 POS, ATV	4
1	ATV06-18SX	PLUG, 18 PIN, ATV SERIES, STD DIA. WIRE SEAL	3
1	ATV04-18PX-BUS	RECEPTACLE, 18 PIN, BUS, ATV SERIES	2
18	AT62-201-16141	CONTACT, SOCKET, SOLID, SIZE 16, 16 - 20 AWG	1

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30
2 PL DEC ±0.15
3 PL DEC ±0.08
Fractions ±1/64
Angles ±1°
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	SULLEN.ZHANG	05DEC19
CHECKED:	ORION.LI	05DEC19
ENGINEER:		
APPROVAL:	TOMMY.XIE	05DEC19
CUSTOMER:		

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Amphenol

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

HYPERBUSS ATV SERIES 18-WAY
RECP/PLUG COMPLETE KIT

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATV46-18PSX-BUSCKIT	A3

SCALE: NONE SHEET 1 OF 1

TITLE: HYPERBUS ATV SERIES 18-WAY RECP/PLUG KIT
DWG NO: ATV04-18PX-BUSS
REV: A3
SH: 1
OF: 1

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