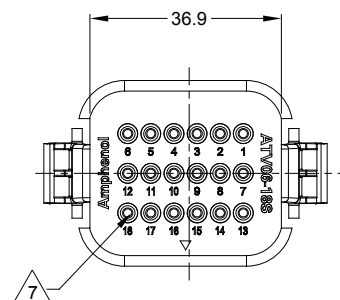
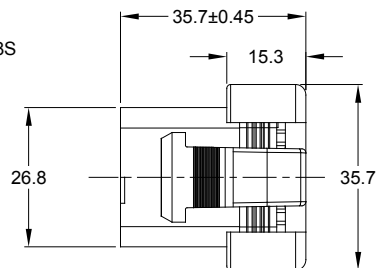
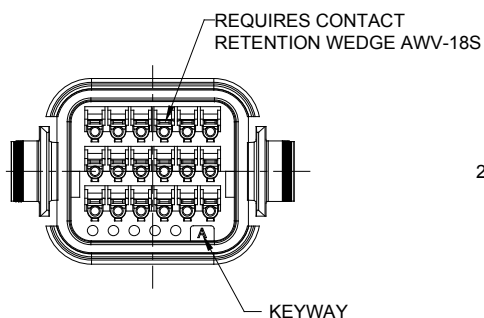
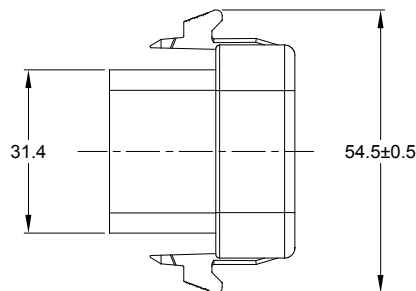


NOTES: UNLESS OTHERWISE SPECIFIED

- SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.
- MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER , COLOR: RED
- MODIFICATIONS: STANDARD DIAMETER WIRE SEAL
- SPECIFICATIONS:
 - CURRENT RATING: 13 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C.
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- MATING PART: ATV02-18PX* RECEPTACLE & ATV04-18PX* RECEPTACLE (X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

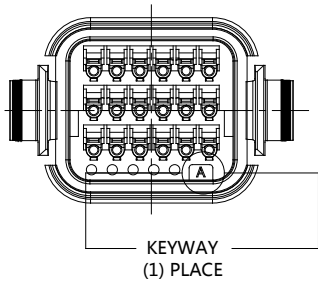
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.23 mm (.088 in)	3.00 mm (.118 in)	14-20 AWG (2.0-0.5mm ²)

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	26JUN18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY
A3	-	UPDATE REAR SEAL WIRE RANGE	05DEC19	SULLEN	TOMMY

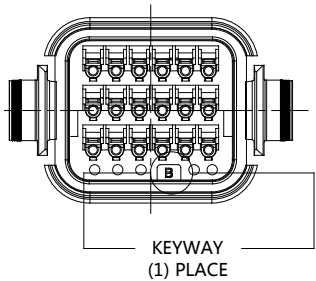
SEE SHEET 2		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DRAWN: SULLEN,ZHANG CHECKED: ORION,LI ENGINEER: APPROVAL: TOMMY,XIE CUSTOMER:	DATE 05DEC19 05DEC19 05DEC19	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 PLUG, 18 PIN, ATV SERIES STANDARD DIAMETER WIRE SEAL SIZE B C- DWG NO: ATV06-18SX SCALE: NONE
MATERIAL SPECIFICATIONS:				
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
NEXT ASSY:				
		SHEET 1 OF 2		REVISION: A3

TITLE: PLUG, 18 PIN, ATV SERIES, STANDARD DIAMETER WIRE SEAL
DWG NO: ATV06-18SX
REV: A3
SHEET 1 OF 2

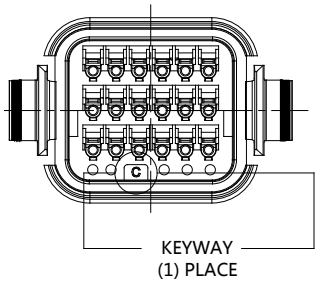
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	26JUN18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY
A3	-	UPDATE REAR SEAL WIRE RANGE	05DEC19	SULLEN	TOMMY



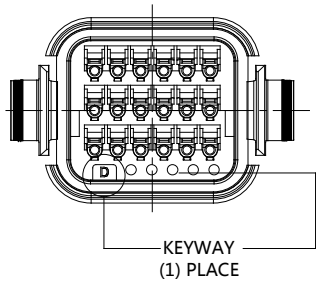
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV06-18SA
REF: DTV06-18SA	



KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	ATV06-18SB
REF: DTV06-18SB	



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREEN	ATV06-18SC
REF: DTV06-18SC	



KEY-D CONFIGURATION	
COLOR	PART NUMBER
BROWN	ATV06-18SD
REF: DTV06-18SD	

SEE CONFIGURATION CHART		DESCRIPTION		ITEM
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 =		SIGNATURES DATE DRAWN: SULLEN,ZHANG 05DEC19 CHECKED: ORION,LI 05DEC19 ENGINEER: APPROVAL: TOMMY,XIE 05DEC19 CUSTOMER:		
MATERIAL SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
PROCESS SPECIFICATIONS:		SIZE TYPE DWG NO: B C- ATV06-18SX REVISION A3		
NEXT ASSY:		SCALE: NONE SHEET 2 OF 2		

Mouser Electronics

Authorized Distributor

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[Amphenol:](#)

[ATV06-18SD](#) [ATV06-18SC](#) [ATV06-18SA](#) [ATV06-18SB](#)