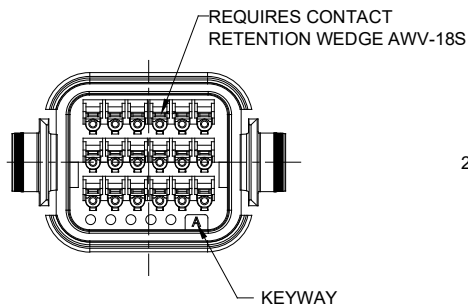
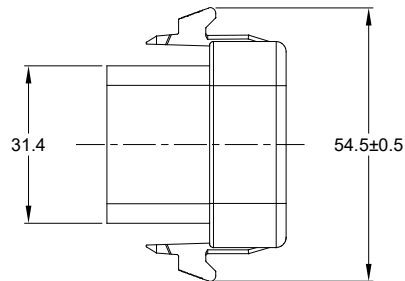


NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

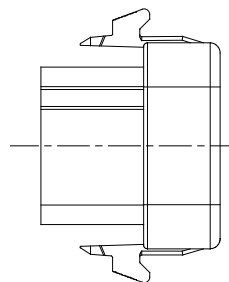
2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER , COLOR: RED

3. MODIFICATIONS: STANDARD 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:

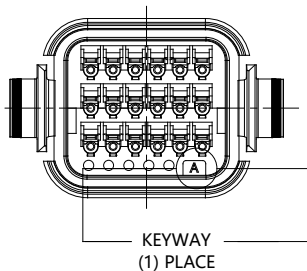
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.23 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

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

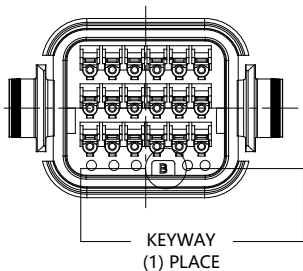
SEE SHEET 2		REF: DT06-18SA DT06-18SB, DT06-18SC, DT06-18SD			
PART NUMBER		DESCRIPTION		ITEM	
QUANTITY		MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
1) All dimensions are in metric(mm).		DRAWN: SULLEN ZHANG		19FEB19	
2) Tolerances are as follows:		CHECKED: ORION LI		19FEB19	
1 PL DEC ±0.30		ENGINEER:			
2 PL DEC ±0.15		APPROVAL: TOMMY XIE		19FEB19	
3 PL DEC ±0.08		CUSTOMER:			
3) Note reference = 		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.		Amphenol	
MATERIAL SPECIFICATIONS:				Sine Systems - www.amphenol-sine.com	
				44724 Morley Drive	
				Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:				PLUG, 18 PIN, ATV SERIES	
				STANDARD DIAMETER WIRE SEAL	
NEXT ASSY:		SIZE		DWG NO:	
		B C-		ATV06-18SX	
		SCALE: NONE		REVISION: A2	
				SHEET 1 OF 2	

TITLE: PLUG, 18 PIN, ATV SERIES, STANDARD DIAMETER WIRE SEAL
DWG NO: ATV06-18SX
REV: A2
Sht: 1
OF: 2

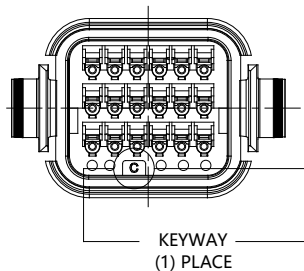
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	26JUN18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY



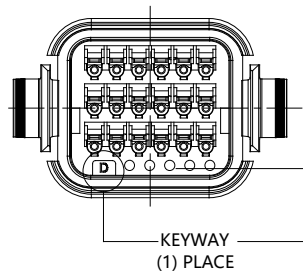
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV06-18SA



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



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



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

SEE CONFIGURATION CHART			
PART NUMBER		DESCRIPTION	
QUANTITY		ITEM	
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: SULLENZHANG 19FEB19 CHECKED: ORIONLI 19FEB19 ENGINEER: APPROVAL: TOMMY.XIE 19FEB19 CUSTOMER: 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.	
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		PLUG, 18 PIN, ATV SERIES STANDARD DIAMETER WIRE SEAL	
NEXT ASSY:		SIZE: B C- SCALE: NONE	REVISION: A2
		DWG NO: ATV06-18SX	SHEET 2 OF 2