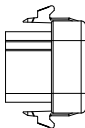
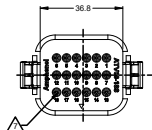
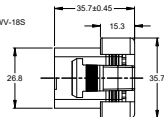
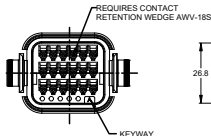
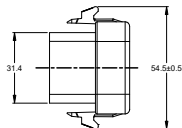


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	26JUN18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY
A3	-	UPDATED IP RATING	11JUN24	JHEAD	BRETT



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
4.5 MOISTURE RESISTANCE: IP68 (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)

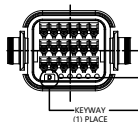
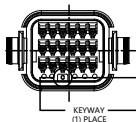
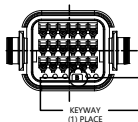
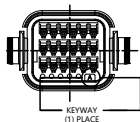
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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		DESCRIPTION		ITEM	
QUANTITY	PART NUMBER	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED: (1) All dimensions are in millimeters. (2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.08 3 PL DEC ±0.05 (3) Note reference to 		DESIGNER: SULLEN, JH SPEC'D: DROLL ENGINEER: TOMMY, XE APPROVAL:  CUSTOMER:	Amphenol Site Systems - www.amphenol-site.com 44724 Morley Drive Clinton Township, MI 48036 PLUG, 18 PIN, ATV SERIES REDUCED DIAMETER WIRE SEAL		
MATERIAL SPECIFICATIONS		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SPECIAL SYMBOLS ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE GRANTED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.			
PROCESS SPECIFICATIONS		SIZE: B C- STYLE: NONE PART: ATV06-18SX-RR01 SHEET 1 OF 2			
NEXT ASSY:					

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	26JUN18	RMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY
A3	-	UPDATED IP RATING	11JUN24	JHEAD	BRETT



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		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED:	SIGNATURE(S)	DATE	Amphenol Site: Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48035 PLUG, 18 PIN, ATV SERIES REDUCED DIAMETER WIRE SEAL	
1) All dimensions are in inches (mm)	DESIGNED: SULEN DING	19FEB19		
2) Tolerances are as follows: 1 PL DEC +0.30 2 PL DEC +0.15 3 PL DEC +0.08	CHECKED: GONLU	19FEB19		
3) Note reference to	APPROVED: TOMMY XE	19FEB19		
MATERIAL SPECIFICATIONS:	CUSTOMER:			
PROCESS SPECIFICATIONS:	THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE GRANTED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.			
REVISED:	NONE		REVISED:	2