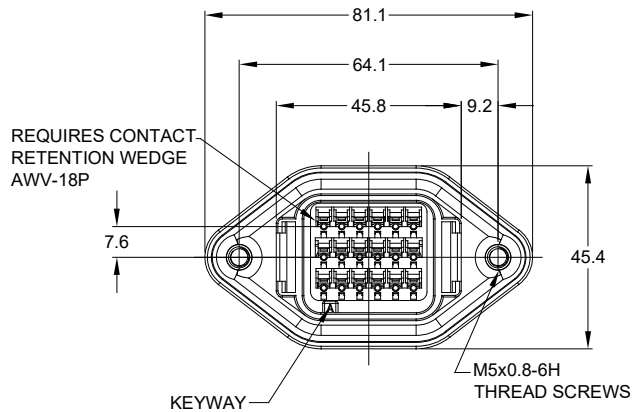


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	25MAY18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY



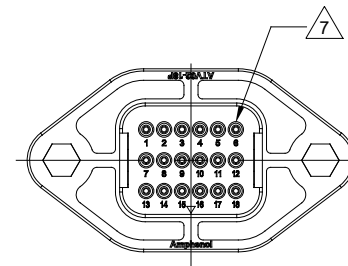
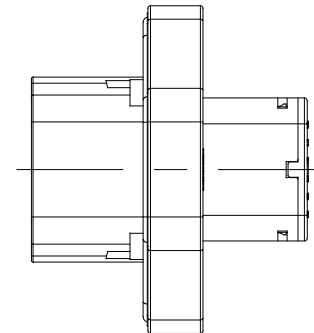
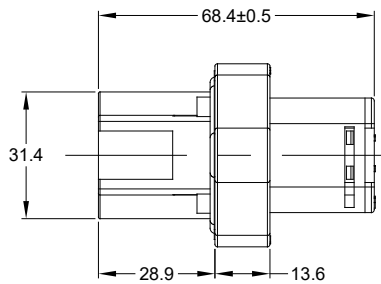
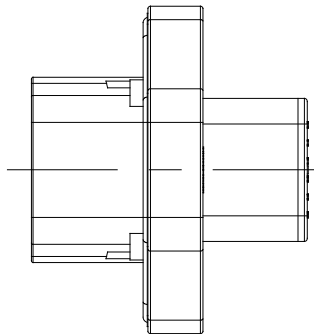
NOTES: UNLESS OTHERWISE SPECIFIED

RECOMMENDED TORQUE
VALUES: 1.5-2.0 N.m

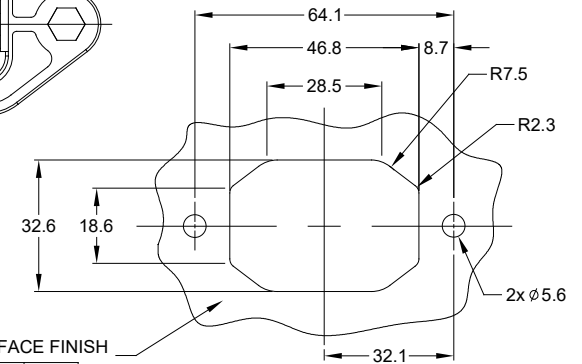
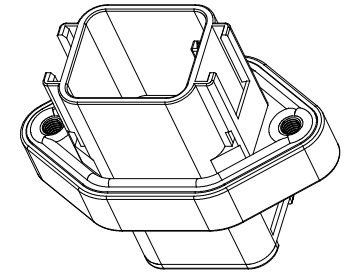
- SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.
- MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER, COLOR: RED
- MODIFICATIONS: FLANGE MOUNT
STANDARD DIAMETER WIRE SEAL
- SPECIFICATIONS:
 - CURRENT RATING: 13 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C.
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS 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

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



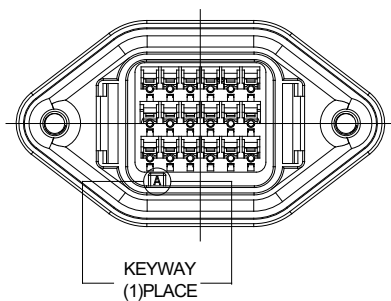
INTERNAL SEALING SURFACE FINISH
TO BE 3.2 OR BETTER



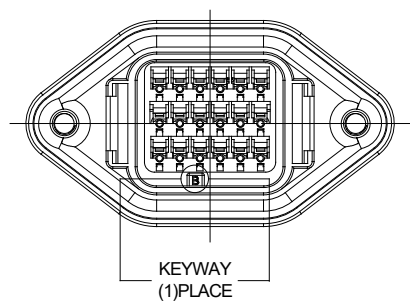
RECOMMENDED PANEL CUTOUT

SEE SHEET 2		REF: DTV02-18PA, DTV02-18PB, DTV02-18PC, DTV02-18PD	
PART NUMBER		DESCRIPTION	
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 = X		SIGNATURES DATE DRAWN: SULLENZHANG 19FEB19 CHECKED: ORION LI 19FEB19 ENGINEER: APPROVAL: TOMMY XIE 19FEB19 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. REVISION B C- ATV02-18PX A2	
NEXT ASSY:		SCALE: NONE SHEET 1 OF 2	

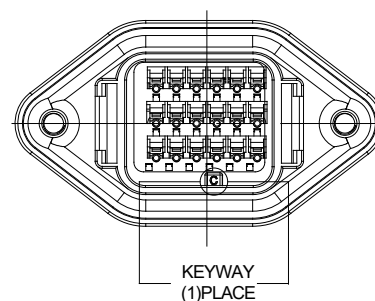
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	25MAY18	SULLEN	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY



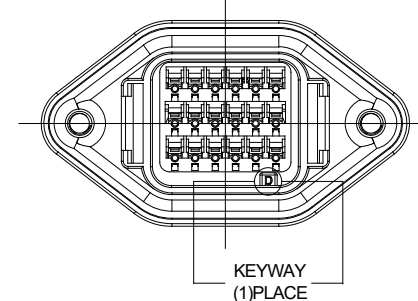
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV02-18PA



KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	ATV02-18PB



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREEN	ATV02-18PC



KEY-D CONFIGURATION	
COLOR	PART NUMBER
BROWN	ATV02-18PD

SEE CONFIGURATION CHART			
PART NUMBER		DESCRIPTION	
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 = 		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL SPECIFICATIONS:		RECEPTACLE, FLANGE, 18 PIN, ATV SERIES STANDARD DIA. WIRE SEAL	
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:		SCALE: NONE	
		SHEET 2 OF 2	

Mouser Electronics

Authorized Distributor

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