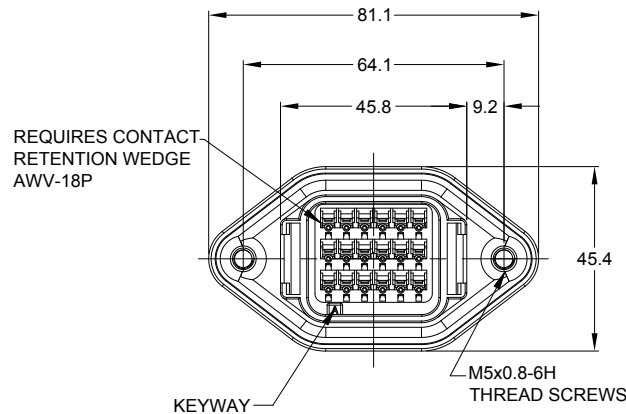


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

RECOMMENDED TORQUE  
VALUES: 1.5-2.0 N.m

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

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

3. MODIFICATIONS: FLANGE MOUNT  
REDUCED DIAMETER WIRE SEAL

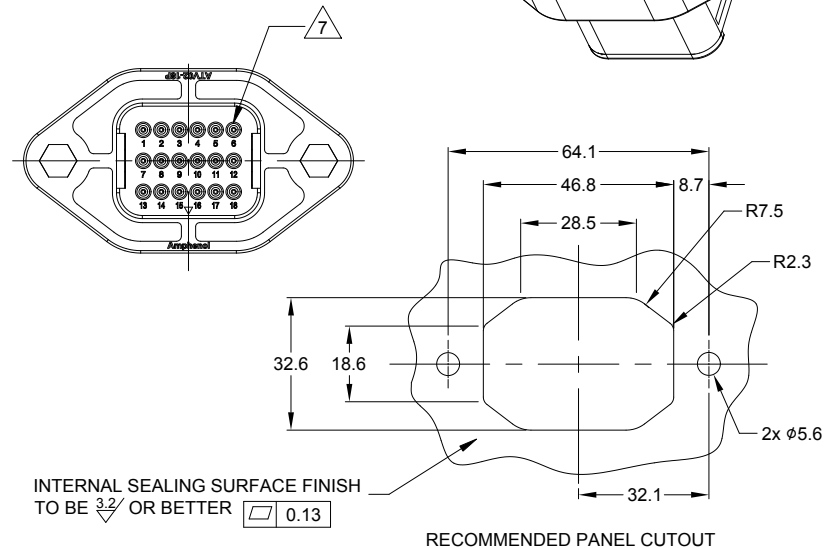
4. SPECIFICATIONS:  
4.1 CURRENT RATING: 13 AMPS  
4.2 OPERATING TEMPERATURE: -55°C TO +125°C.  
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.  
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.  
A2 4.5 MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION )  
4.6 MATING CYCLE DURABILITY: 100 CYCLES  
4.7 ROHS COMPLIANT

5. MATING PART: ATV06-18SX\* PLUG  
( X = A,B,C,D KEYS ; \* = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

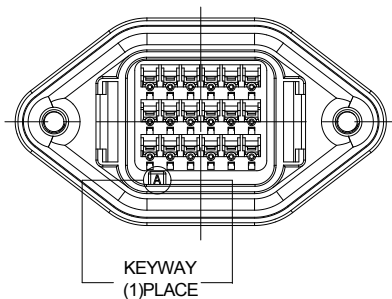
7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	1.12 mm (.044 in)	2.31 mm (.090 in)	16 - 22 AWG

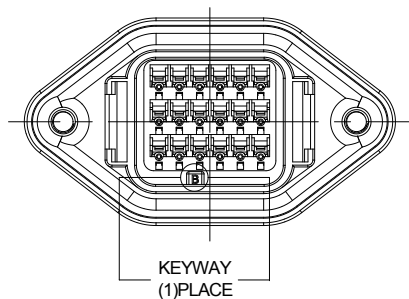


SEE SHEET 2		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES		
1) All dimensions are in metric(mm).		DATE		
2) Tolerances are as follows:		DRAWN: SULENZHANG		
1 PL DEC ±0.30		19FEB19		
2 PL DEC ±0.15		CHECKED: ORIONLI		
3 PL DEC ±0.08		19FEB19		
3) Note reference =		ENGINEER:		
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMYXIE		
PROCESS SPECIFICATIONS:		19FEB19		
NEXT ASSY:		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.		
		<div> <div> <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> </div> <div> <div>RECEPTACLE, FLANGE, 18 PIN, ATV SERIES</div> <div>REDUCED DIA. WIRE SEAL</div> </div> </div>		
		SIZE	TYPE	DWG NO.
		B	C-	ATV02-18PX-RR01
		SCALE	NONE	REVISION
				A2
		SHEET 1 OF 2		

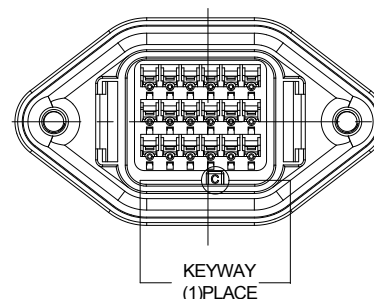
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY



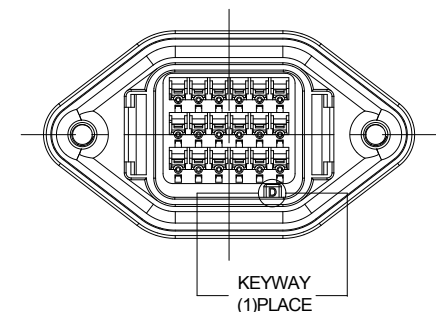
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV02-18PA-RR01



KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	ATV02-18PB-RR01



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREEN	ATV02-18PC-RR01



KEY-D CONFIGURATION	
COLOR	PART NUMBER
BROWN	ATV02-18PD-RR01

SEE CONFIGURATION CHART		PART NUMBER		DESCRIPTION		ITEM	
QUANTITY		MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		<div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a> 44724 Morley Drive Clinton Township, MI 48036</div> <div>RECEPTACLE, FLANGE, 18 PIN, ATV SERIES REDUCED DIA. WIRE SEAL</div>	
1) All dimensions are in metric (mm).		DRAWN: SULENZHANG		19FEB19			
2) Tolerances are as follows:		CHECKED: ORIONLI		19FEB19			
1 PL DEC ±0.30		ENGINEER:					
2 PL DEC ±0.15		APPROVAL: TOMMYXIE		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.		SIZE		A2	
MATERIAL SPECIFICATIONS:		TYPE		DWG NO:			
PROCESS SPECIFICATIONS:		SCALE		NONE		SHEET 2 OF 2	
NEXT ASSY:							

TITLE: RECEPTACLE, FLANGE, 18 PIN, ATV SERIES REDUCED DIA. WIRE SEAL  
DWG NO: ATV02-18PX-RR01  
REV: A2  
SH: 2  
OF: 2

# Mouser Electronics

Authorized Distributor

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