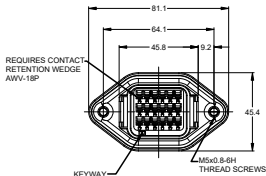


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY
A3	-	UPDATED IP RATINGS	10JUN24	JHEAD	BRETT



NOTES: UNLESS OTHERWISE SPECIFIED

RECOMMENDED TORQUE
VALUES: 1.5-2.0 N.m

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

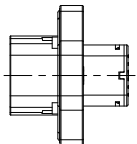
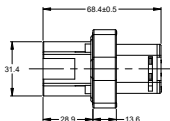
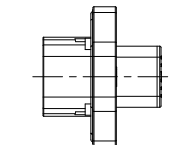
2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER, COLOR: YELLOW

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
4.5 MOISTURE RESISTANCE: IP68 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT

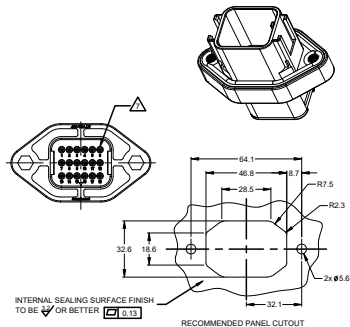
5. MATING PART: ATV06-18SX* PLUG
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



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



INTERNAL SEALING SURFACE FINISH
TO BE $\geq 3\mu$ OR BETTER



RECOMMENDED PANEL CUTOUT

SEE SHEET 2		DESCRIPTION		ITEM	
PART NUMBER		DESCRIPTION		ITEM	
QUANTITY		MATERIALS LIST		ITEM	
UNLESS OTHERWISE SPECIFIED:		SIGNATURE/DATE		DATE	
(1) All dimensions are in millimeters.		DESIGNED BY: SUBJ/NAME		19FEB19	
(2) Tolerances are as follows:		CHECKED BY: CROU		19FEB19	
1 PL DEC ±0.30		APPROVED BY: TOMMY IE		19FEB19	
2 PL DEC ±0.15		DATE: 19FEB19		DATE: 19FEB19	
3 PL DEC ±0.08		DATE: 19FEB19		DATE: 19FEB19	
(3) Note reference to:		DATE: 19FEB19		DATE: 19FEB19	
MATERIAL SPECIFICATIONS:		MATERIALS LIST		ITEM	
PROCESS SPECIFICATIONS:		MATERIALS LIST		ITEM	
TEST DATA:		MATERIALS LIST		ITEM	
THIS DRAWING IS SUPPLIED FOR INFORMATIONAL USE ONLY. IT DOES NOT REPRESENT A COMMITMENT TO A SPECIFIC PRODUCT OR PERFORMANCE DATA. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE INFORMATION CONTAINED HEREIN. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		THIS DRAWING IS SUPPLIED FOR INFORMATIONAL USE ONLY. IT DOES NOT REPRESENT A COMMITMENT TO A SPECIFIC PRODUCT OR PERFORMANCE DATA. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE INFORMATION CONTAINED HEREIN. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		THIS DRAWING IS SUPPLIED FOR INFORMATIONAL USE ONLY. IT DOES NOT REPRESENT A COMMITMENT TO A SPECIFIC PRODUCT OR PERFORMANCE DATA. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE INFORMATION CONTAINED HEREIN. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
NONE		NONE		NONE	
B C-		ATV02-18PX-RR01		A3	
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TITLE: RECEPTACLE FLANGE, 18 PIN, ATV SERIES
DRAWN: ATV02-18PX-RR01
REV: A3
SHEET: 1 OF 2

