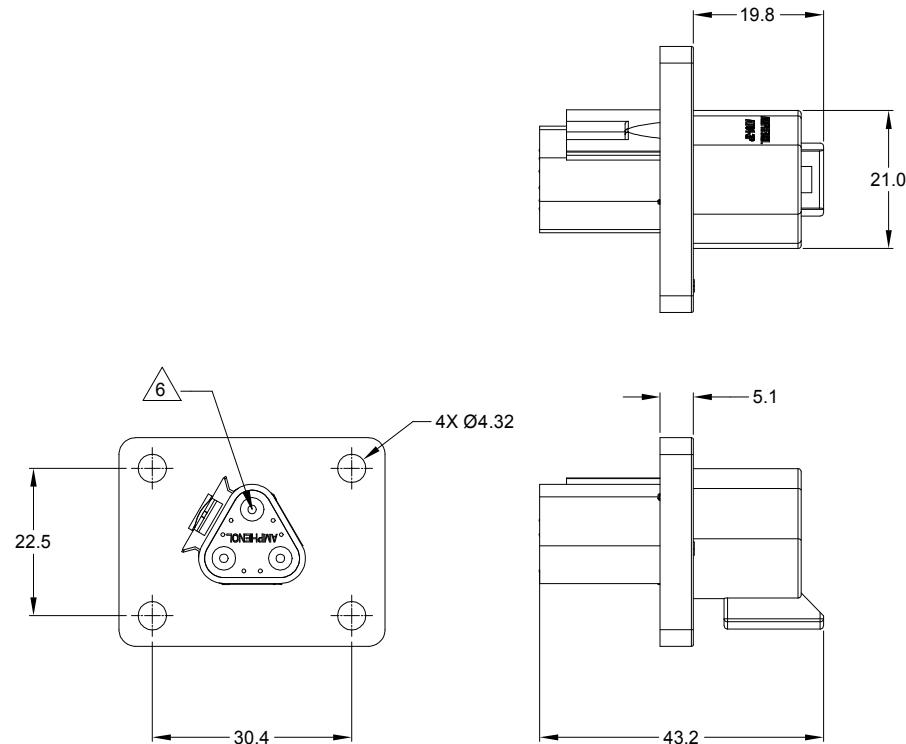


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	—	RELEASE NUMBER	30/NOV/18	ROOKIE	TOMMY

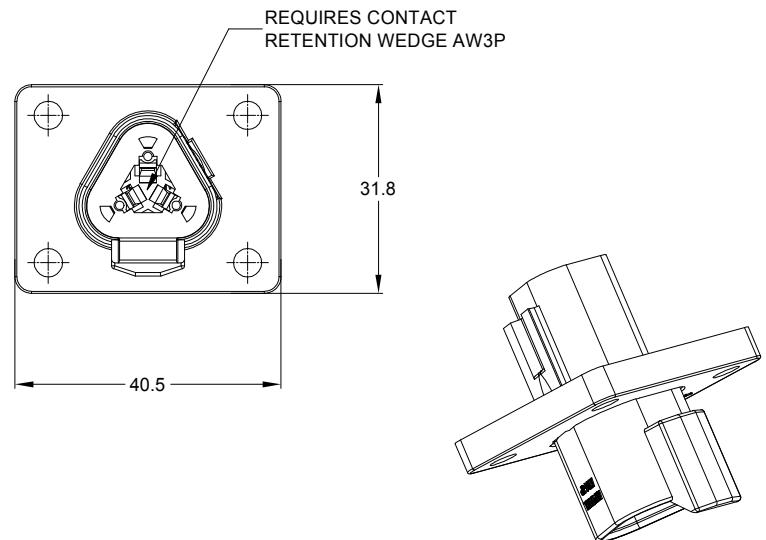


**NOTES: UNLESS OTHERWISE SPECIFIED**

1. MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER
2. MODIFICATIONS: FLANGE
3. SPECIFICATIONS:
  - 3.1 CURRENT RATING: 13 AMPS
  - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C.
  - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
  - 3.5 MOISTURE RESISTANCE: IP67 ( MATED CONDITION )
  - 3.6 MATING CYCLE DURABILITY: 100 CYCLES
  - 3.7 RoHS COMPLIANT
4. MATING PART: AT06-3S\* PLUG.  
( \* = MODIFICATIONS AND COLORS )

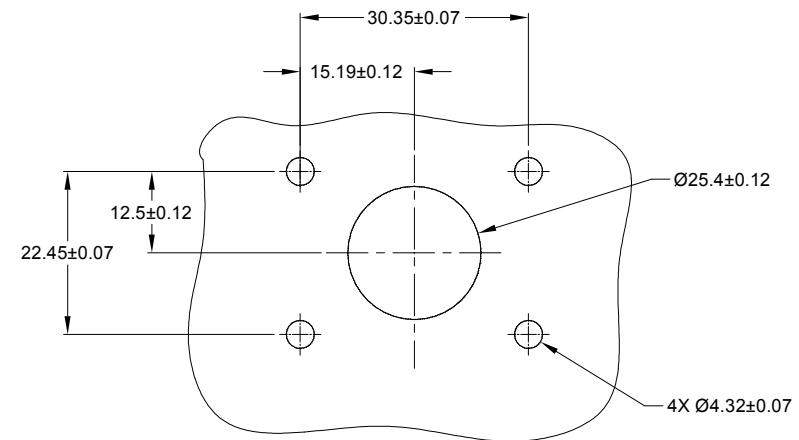
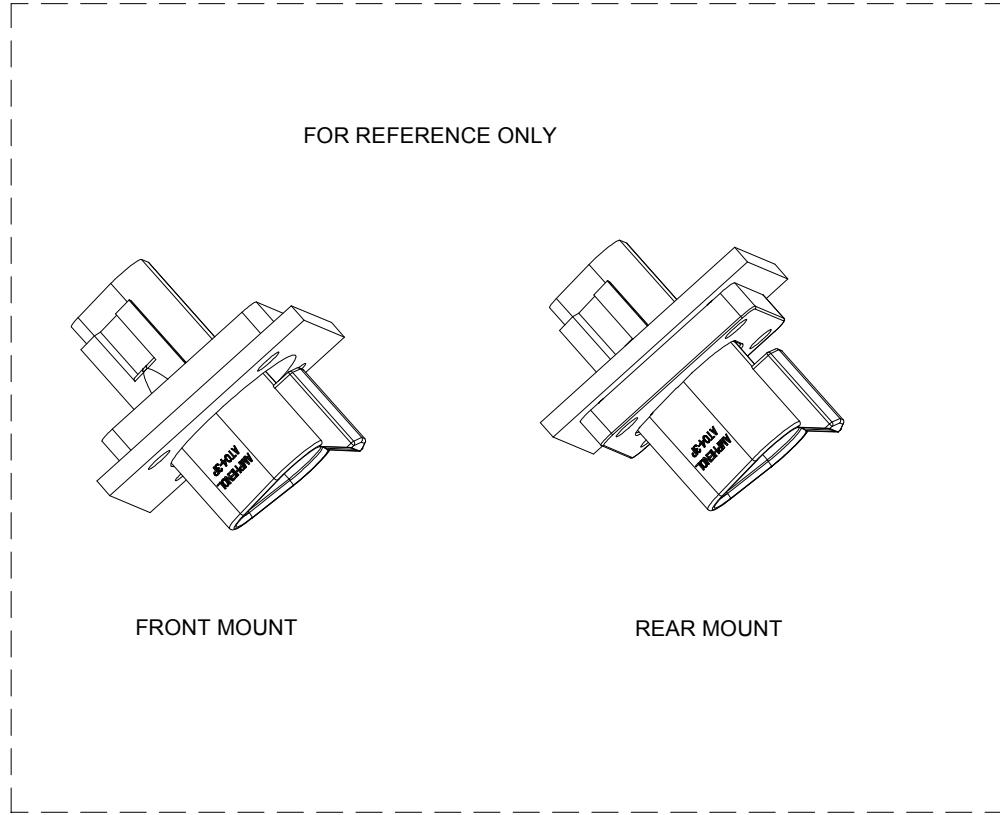
#### **6 CONTACT SIZE AND REAR SEAL WIRE RANGE:**

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG



	AT04-3P-L012																										
	PART NUMBER	DESCRIPTION	ITEM																								
QUANTITY	<b>MATERIALS LIST</b>																										
<b>UNLESS OTHERWISE SPECIFIED</b>																											
1) All dimensions are in metric(mm).																											
2) Tolerances are as follows:																											
1 PL DEC $\pm 0.30$	Fractions $\pm 1/64$																										
2 PL DEC $\pm 0.15$	Angle $\pm 1^\circ$																										
3 PL DEC $\pm 0.08$																											
3) Note reference = 																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><b>SIGNATURES</b></td> <td style="width: 25%;"><b>DATE</b></td> <td colspan="2"></td> </tr> <tr> <td>DRAWN: ROOKIE</td> <td>30/NOV/18</td> <td colspan="2"></td> </tr> <tr> <td>CHECKED: ORION</td> <td>30/NOV/18</td> <td colspan="2"></td> </tr> <tr> <td>ENGINEER:</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>APPROVAL: TOMMY</td> <td>30/NOV/18</td> <td colspan="2"></td> </tr> <tr> <td>CUSTOMER:</td> <td></td> <td colspan="2"></td> </tr> </table>				<b>SIGNATURES</b>	<b>DATE</b>			DRAWN: ROOKIE	30/NOV/18			CHECKED: ORION	30/NOV/18			ENGINEER:				APPROVAL: TOMMY	30/NOV/18			CUSTOMER:			
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MATERIAL SPECIFICATIONS:																											
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3P RECEPTACLE, FLANGE MOUNT, GRAY																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><b>SIZE</b></td> <td style="width: 25%;"><b>TYPE</b></td> <td style="width: 25%;"><b>DWG NO.</b></td> <td style="width: 25%;"><b>REVISION</b></td> </tr> <tr> <td>B</td> <td>C-</td> <td>AT04-3P-L012</td> <td>A1</td> </tr> <tr> <td>SCALE</td> <td>NONE</td> <td>SHEET 1 OF 2</td> <td></td> </tr> </table>				<b>SIZE</b>	<b>TYPE</b>	<b>DWG NO.</b>	<b>REVISION</b>	B	C-	AT04-3P-L012	A1	SCALE	NONE	SHEET 1 OF 2													
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PROCESS SPECIFICATIONS:																											
NEXT ASS'Y:																											

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NUMBER	30/NOV/18	ROOKIE	TOMMY



RECOMMENDED CUTOUT  
FRONT AND REAR MOUNT

ITEM	AT04-3P-L012	DESCRIPTION
QUANTITY	PART NUMBER	ITEM
<b>MATERIALS LIST</b>		
	SIGNATURES	DATE
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	DRAWN: ROOKIE	30NOV/18
3) Note reference =	CHECKED: ORION	30NOV/18
MATERIAL SPECIFICATIONS:	ENGINEER: TOMMY	APPROVAL: TOMMY 30NOV/18
PROCESS SPECIFICATIONS:	CUSTOMER:	
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SIZE	TYPE	DWG NO.
B	C-	AT04-3P-L012
REVISION		A1
SCALE	NONE	SHEET 2 OF 2

## A Series™ - Contact Size 16 Options (Works with: AT, ATV, AHD-9, ARC, DuraMate and PanelMate Series)

Machined Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Type
AT60-215-1631	Male Contact - Pin, Gold-plated	16	14	Machined
AT62-209-1631	Female Contact - Socket, Gold-plated	16	14	Machined
AT60-215-16141	Male Contact - Pin, Nickel-plated	16	14	Machined
AT62-209-16141	Female Contact - Socket, Nickel-plated	16	14	Machined
AT60-202-1631	Male Contact - Pin, Gold-plated	16	16-20	Machined
AT62-201-1631	Female Contact - Socket, Gold-plated	16	16-20	Machined
AT60-202-16141	Male Contact - Pin, Nickel-plated	16	16-20	Machined
AT62-201-16141	Female Contact - Socket, Nickel-plated	16	16-20	Machined
AT60-202-1631-22	Male Contact - Pin, Gold-plated	16	22-24	Machined
AT62-201-1631-22	Female Contact - Socket, Gold-plated	16	22-24	Machined
AT60-202-16141-22	Male Contact - Pin, Nickel-plated	16	22-24	Machined
AT62-201-16141-22	Female Contact - Socket, Nickel-plated	16	22-24	Machined

Tooling - Machined Contacts	
Part Number	Description
AUTK-16	Hand Crimp Tool, Size 16
AUTK-100	Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20
CA-5D12	Universal Hand Crimp Tool, Size 12/16/20
CA-5E12	Pneumatic Crimp Tool, Size 12/16/20

Contact Removal Tools (For both Machined or Stamped & Formed Contacts)	
Part Number	Description
ATRT-100	Contact and Wedgelock Extraction Tool
AT11-310-1605	Contact Removal Tool, Plastic, Size 16

Sealing Plugs (For both Machined or Stamped & Formed Contacts)	
Part Number	Description
A114017	Sealing Plug, Size 16, White
A114017-SR	Sealing Plug, Size 16, SR01 Series, Black
AT13-217-1605	Locking Sealing Plug, Size 16, Grey
AT13-217-1605-SR	Locking Sealing Plug, Size 16, SR01 Series, Red

Stamped & Formed Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Type
AT60-14-0122	Male Contact - Pin, Nickel-plated	16	14-18	Stamped & Formed
AT62-14-0122	Female Contact - Socket, Nickel-plated	16	14-18	Stamped & Formed
AT60-14-0144	Male Contact - Pin, Gold-plated	16	14-18	Stamped & Formed
AT62-14-0144	Female Contact - Socket, Gold-plated	16	14-18	Stamped & Formed
AT60-16-0122	Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed
AT62-16-0122	Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed
AT60-16-0144	Male Contact - Pin, Gold-plated	16	16-18	Stamped & Formed
AT62-16-0144	Female Contact - Socket, Gold-plated	16	16-18	Stamped & Formed
AT60-16-0622	Male Contact - Pin, Nickel-plated	16	16-20	Stamped & Formed
AT62-16-0622	Female Contact - Socket, Nickel-plated	16	16-20	Stamped & Formed
AT60-16-0644	Male Contact - Pin, Gold-plated	16	16-20	Stamped & Formed
AT62-16-0644	Female Contact - Socket, Gold-plated	16	16-20	Stamped & Formed
AT60-16-0677	Male Contact - Pin, Tin-plated	16	16-20	Stamped & Formed
AT62-16-0677	Female Contact - Socket, Tin-plated	16	16-20	Stamped & Formed
AT60-16-0822	Male Contact - Pin, Nickel-plated	16	20-22	Stamped & Formed
AT62-16-0822	Female Contact - Socket, Nickel-plated	16	20-22	Stamped & Formed
AT60-16-0844	Male Contact - Pin, Gold-plated	16	20-22	Stamped & Formed
AT62-16-0844	Female Contact - Socket, Gold-plated	16	20-22	Stamped & Formed

Tooling - Stamped & Formed Contacts	
Part Number	Description
MFX-3950	Crimp Die - Size 16, 18-20AWG
MFX-3953	Crimp Die - Size 16, 16-18AWG
MFX-3975	Crimp Die - Size 16, 14-16AWG
MFX-3990	Crimp Die - Size 16, 20-22AWG
ATT-16-00	Hand Crimp Tool - Size 16, 14-16AWG
ATT-16-01	Hand Crimp Tool - Size 16, 18-20AWG
ATT-1612-03	Hand Crimp Tool - Size 16, 20-22AWG