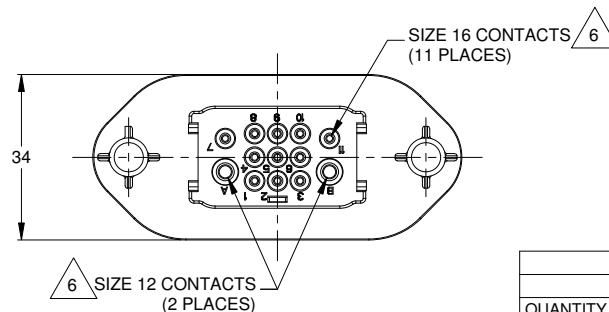
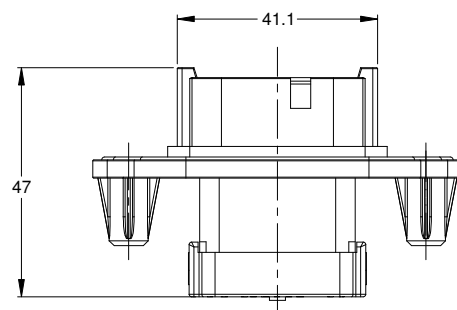
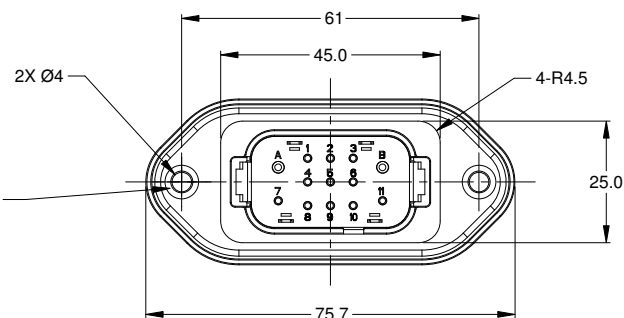
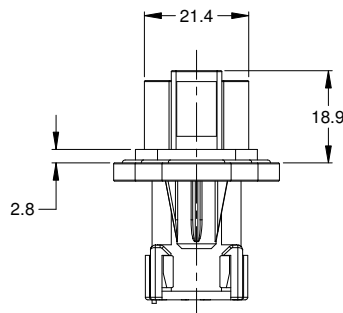


WILL ACCEPT PLASTIC SELF
THREAD SCREWS: EXAMPLE: ST4.8

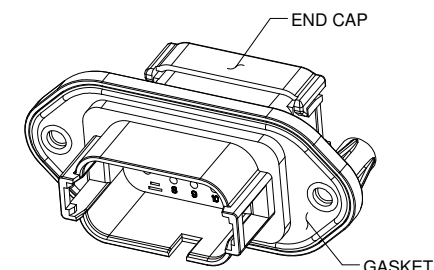
RECOMMENDED TORQUE
VALUES: 1.9-2.2 N.M



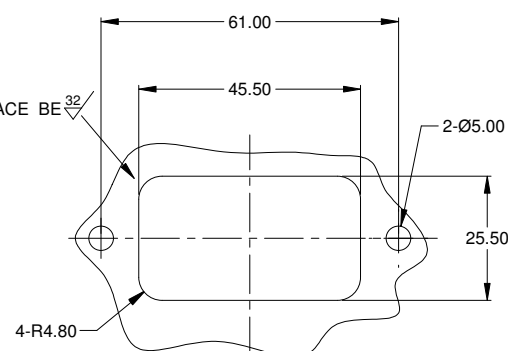
CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14-20 AWG	13 AMPS
12	3.40 mm (.134 in)	4.95 mm (.195 in)	12-14 AWG	25 AMPS

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	20MAY16	ORION	TOMMY



INTERNAL SEALING SURFACE BE ³²
OR BETTER 0.13



RECOMMENDED PANEL CUTOUTS

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: BLACK
SEAL: SILICONE RUBBER
- MODIFICATIONS: STANDARD DIAMETER WIRE SEAL;
END CAP
- SPECIFICATIONS:
3.1 CURRENT RATING: SEE NOTE 6
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
- MATING PART: AT1612-13SB* PLUG
(* = MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

AT1612-13PB-G		DESCRIPTION		ITEM
PART NUMBER				
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 =		SIGNATURES	DATE	
		DRAWN: ORIONLI	20MAY16	
		CHECKED:		
		ENGINEER:		
MATERIAL SPECIFICATIONS:		APPROVAL:		
PROCESS SPECIFICATIONS:		CUSTOMER:		
NEXT ASSY:		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	TYPE	DWG NO:
		B	C-	AT1612-13PB-G
		SCALE:	NONE	REVISION
				A3
		SHEET 1 OF 1		

TITLE: AT13 PIN RECEPT W/ FLANGE GASKET & STANDARD DIA SEAL
DWG NO: AT1612-13PB-G
REV: A3
SH: 1
OF: 1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AT1612-13PB-G](#)