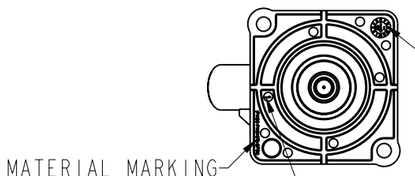
NOTES:
1. MATERIAL AND FINISH (PLATING THICKNESS IN MICRO-INCHES):
   BODY - ZINC ALLOY, NICKEL PLATING
   CONTACT - BRASS, GOLD PLATING
   INSULATOR - PA4T, NATURAL
   HOUSING - GRIVORY GV-5H,50% GLASS FILLED,COLOR: NUT BROWN, CODE F
   O-RING - EPDM, GREEN
   WASHER - BERYLLIUM COPPER, NICKEL PLATING
   REAR COVER - AlSi12(Fe), CHROMATE ACCORDING TO MIL-DTL-5541F,
   TYPE II, CLASS 1, THICKNESS 0.3 µm
2. REFER TO VALEO DOC. XXX FOR MECHANICAL & ELECTRICAL SPECS.
3. VALEO PNS:
   SEAL - E151620
   AIUMINUM PLATE - E138049
   COMPLETE PART (DELIVERED): E297196
4. ♦ DENOTES CONFIRMED SPPC. DATA DRIVEN CONTROL PLAN REQUIRED FOR PFMEA CONFIRMED SPPC DIMENSIONS.
5. ASSEMBLY MUST MEET IP67 WATERPOOF TEST
   AIR TEST MAY BE SUBSTITUTED IN PRODUCTION AS FOLLOWS:
   1. AIR CHARGE FOR 5 SEC.(12 PSI)
   2. AIR PRESSURE STABILIZATION FOR 8 SEC.
   3. HOLD AIR PRESSURE FOR 15 SEC.
   ACCEPTANCE: LEAKAGE 0.1 SCCM MAX.

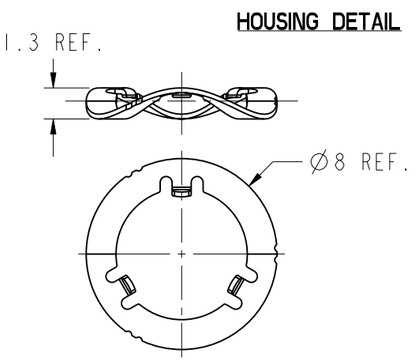
THIRD ANGLE PROJ.

REVISIONS

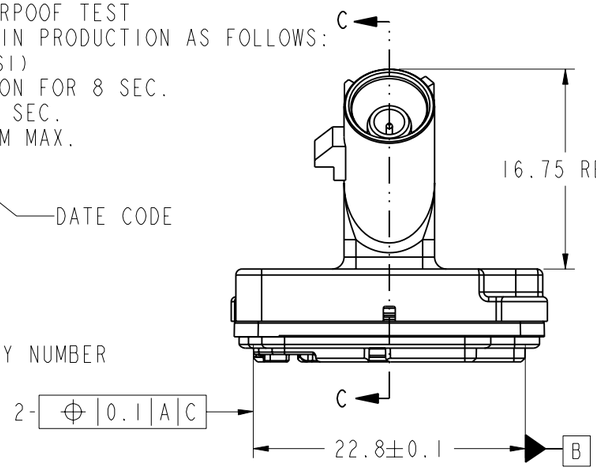
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	07-Nov-19	13802	JF



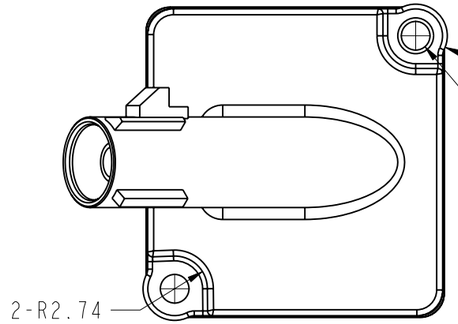
HOUSING DETAIL

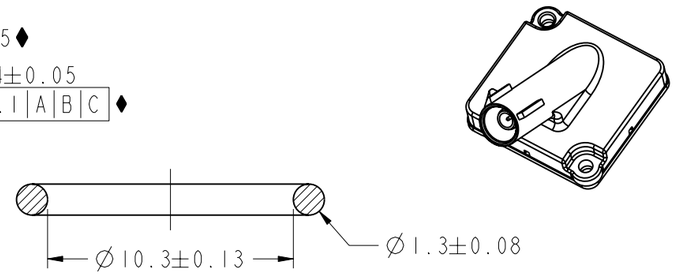


EMI WASHER DETAIL

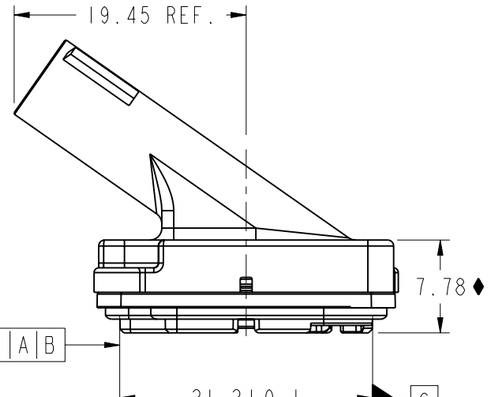


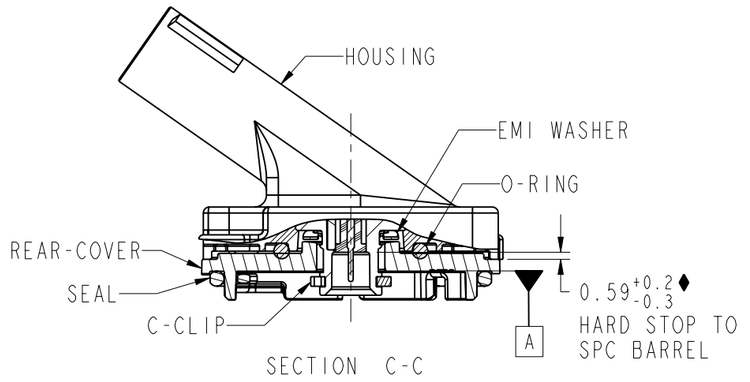
VIEW SHOWN FOR ILLUSTRATION ONLY



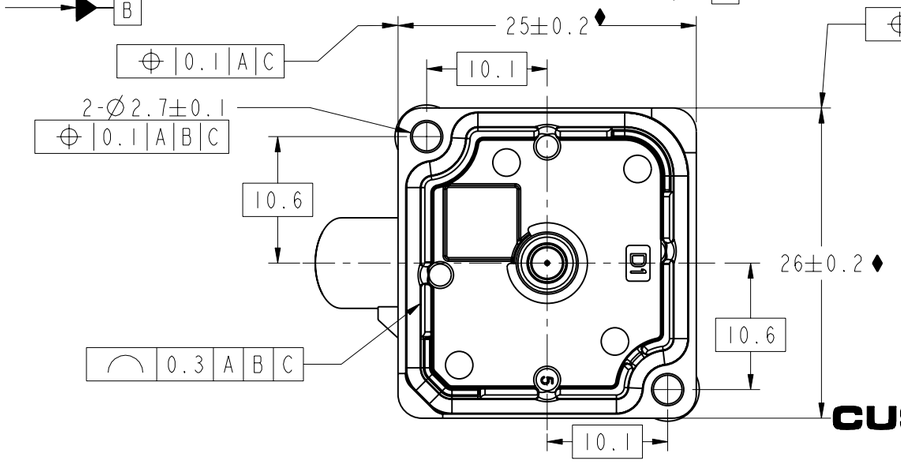


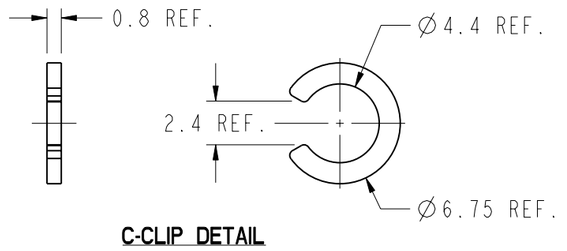
O-RING DETAIL





SECTION C-C





C-CLIP DETAIL

CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT PPAP QUALIFIED CUSTOMER APPROVAL

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL

REFERENCE
EAR#8083

CONFIGURATION LEVEL: In Work

FINISH

DRAWN J.FENG	DATE 07-Nov-19	
ENGINEER K. ELMES	DATE 07-Nov-19	
APPROVED S.HSIEH	DATE 26-Nov-19	
CAD FILE		

TITLE
FAKRA PLUG
WEST 55 DEG

SCALE: 2.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO.	4FAI-WFAP-1002E
ITEM NO.	4FAI-WFAP-1002E
PART NO.	4FAI-WFAP-1002E