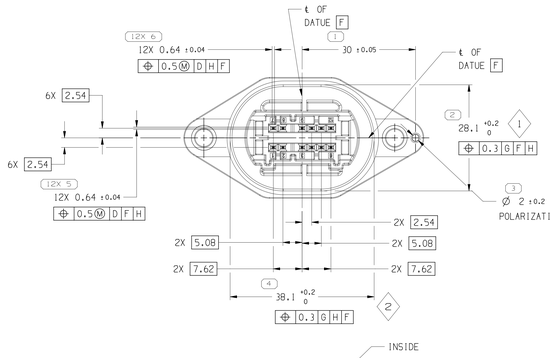
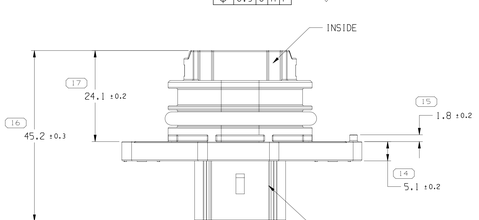
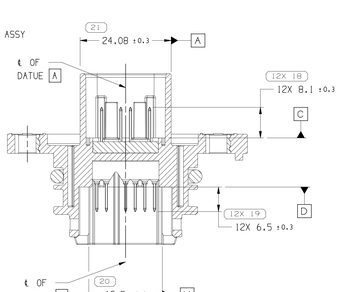
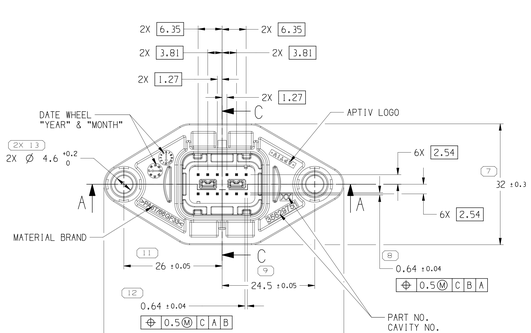
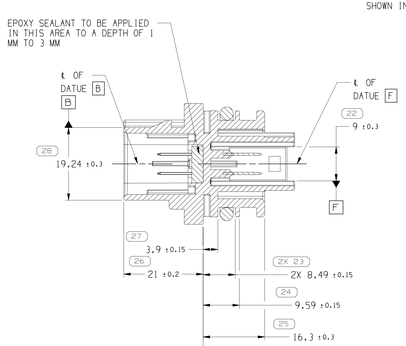




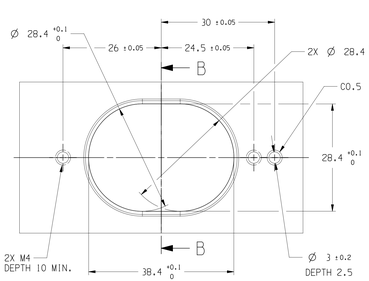


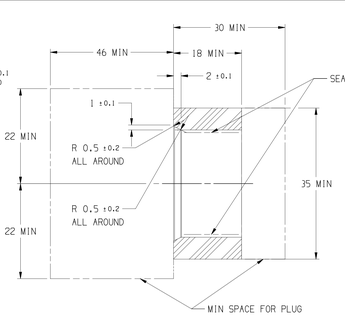
SECTION A-A



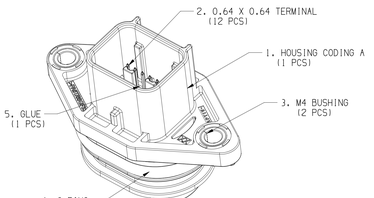


SECTION C-C





SECTION B-B



NOTES:

1. TEMPERATURE REQUIREMENT: OPERATING TEMPERATURE: -40-125 ° C; AFFORDABLE OIL TYPE:REFER TO "DE SHILONG LV" ;
2. SEALING CLASS: IPX7 & IP6K9K
3. PACKING METHOD NEED TO GET THE AGREEMENT FROM CUSTOMER;
4. MISSING DIMENSIONS / UNDIMENSIONED DETAILS ACCORDING TO 3D-CAD-DATA;
5. INJECTION POINTS NOT RAISED AND NOT IN FUNCTIONAL AREA, SAME POSITION FOR ALL CAVITIES, POSITION-FIXING IN AGREEMENT WITH GWM;
6. PLATING FOR THE TERMINAL: UNDERLAYER: 0.5 TO 2um Ni; CONTACT AREA: 1 TO 3 um SIMI-BRIGHT SILVER WITH ANTI-TARNISH COATING;
7. PLASTIC MATERIAL: PA6T/66 GF33 BLACK HB,REGRIND MATERIAL IS NOT ALLOWED
8. OUTSIDE AND INSIDE CONNECTOR NUMBER 35629745 AND 35629746 & 35629747
9. CLEANLINESS REQUIREMENT ACCORDING TO ISO 16232-10:2007 THE NUMBER OF PARTICLE SHALL BE CALCULATED TO A REFERENCE SURFACE OF 10000CM2 OF WETTED SURFACE OF THE PART. RESULTS DONOT INCLUDE FIBER. THE MAXIMUM ALLOWABLE LENGTH OF A SINGLE FIBER IS 3MM.

SIZING OF PARTICLE(uM)	100<=X< 200	200<=X<600	600<=X<=1000	1000<=X
QUANTITY OF PARTICLE	1200	300	6	0

10. BURR AT PARTING LINE MAX. 0.1mm PERMISSIBLE.
11. THE ASSEMBLY PART NEED TO CONTROL THE LEAKAGE FOR THE O-RING, DETAIL INFORMATION SHOWN IN THE QC INSPECTION RECORD FORM.

SYMBOL DEFINITION		MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (□) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED 74	NO MISSING SYMBOL NUMBER
	LAST NO. USED 28	

KEY PRODUCT CHARACTERISTICS			
SAFETY/COMPLIANCE	FIT/FUNCTION	TOTAL ON DRAWING	2
S/C CHECKPOINTS	F/F CHECKPOINTS	LAST NO. USED	2

NO & TYPE	DESCRIPTION	RATIONALE	PTS	ZONE
1 F/F	MOUNTING DIMENSION	FUNCTIONAL	1	G14
2 F/F	MOUNTING DIMENSION	FUNCTIONAL	1	F12

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD1	APVD2
DATE	STG	REV	N/P	CHG					1	2
15MR22	R	01	-	-		INITIAL RELEASE	448164	JFQ	JHS	JFQ

APTIV RECOMMENDED CONNECTOR ASSEMBLE INTERFACE

PART NUMBER	POS.	PART NAME	QTY
35629751	5	GLUE	1
	4	SEAL O-RING	1
	3	M4 BUSHING	2
	2	0.64 X 0.64 TERMINAL	12
	1	HOUSING CODING A	1

7 PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

REFERENCE

DIMENSIONAL RANGE (MM)										CHART E1
FROM	> 0	> 20	> 30	> 70	>100	>150	>200	>250	>300	
TO	20	30	70	100	150	200	250	300	400	
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2	
ANGULAR TOLERANCE ±2°										

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

A — LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE

VOLUME (CM³) | DISTR CODE: D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5-2009. SEE APTIV ENGINEERING DESIGN STANDARD B6 2017 FOR ISO 130:2004 RECONCILIATION REQUIREMENTS.

ALL DIMENSIONS ARE IN MILLIMETERS

MATERIAL: SEE TABLE

DRAWING NAME: ASM CONN 0 M 0.64 BASE 1

DRAWING NUMBER: 35629751

SIZE A2x3 | SCALE 2:1 | FRAME NO 1 OF 1 | SHEET NO 1 OF 1 | STG R | REV 01 | N/P -

•APTIV•
CONNECTION SYSTEMS
Chennai, India
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	DATE
DR	
APVD1 JIFENG QIU	24DEC21
APVD2 JIANHUA SHI	24DEC21
APVD3 JIFENG QIU	24DEC21
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONT[094900] [094900]

35629751

Users: LiBoTu
Project: 35629751-0000-001-001
Plotted: 25Dec2021 Time: 09:51:25