

NOTES FOR BRACKET :

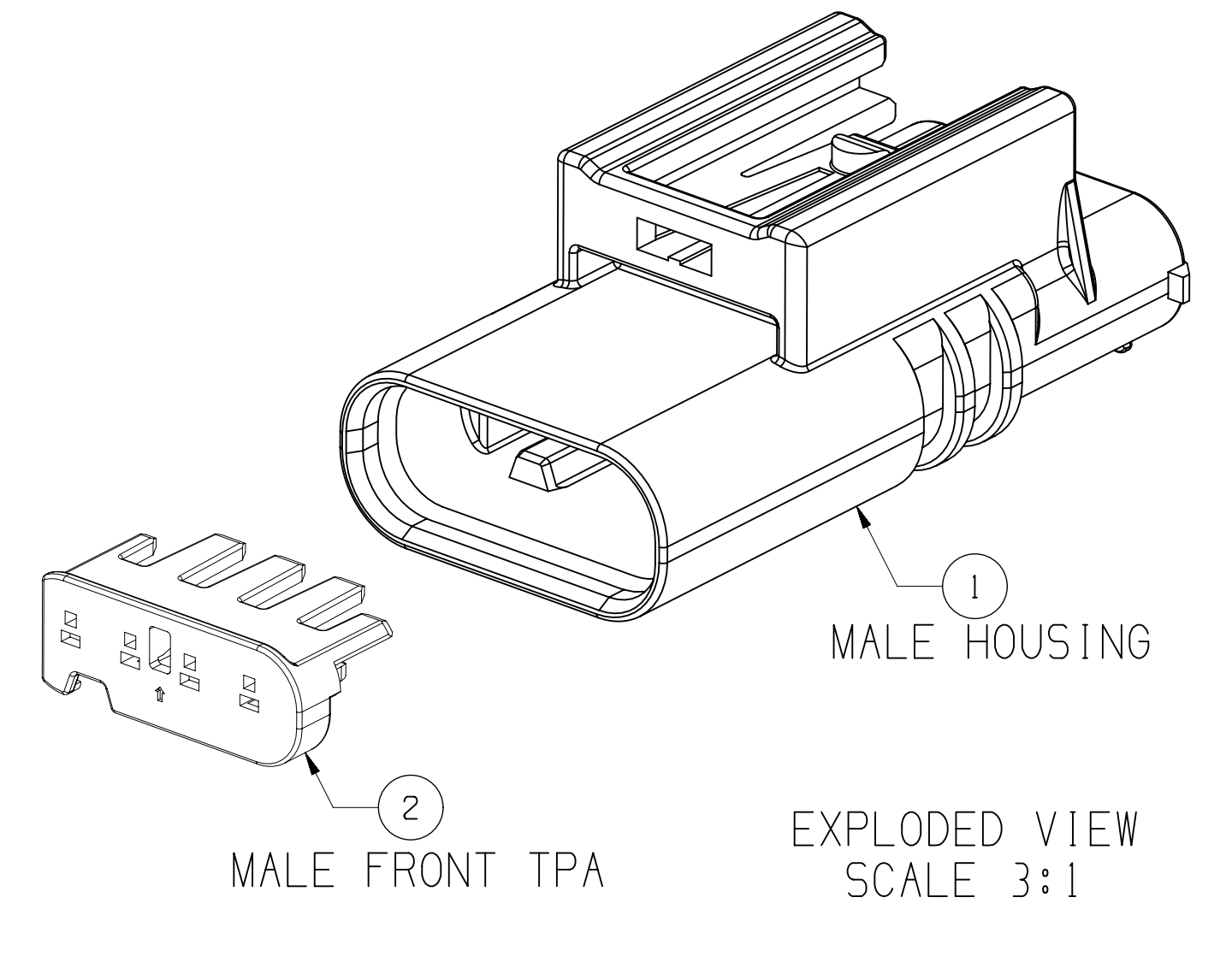
1. TOLERANCE MUST MEET DIN ISO 2768 (m)
2. NO BURR, SHARP EDGE.
3. THICKNESS INCLUDES ANY AFTER TREATMENTS.

SYMBOL DEFINITION
 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	6
LAST NO. USED	6

MISSING SYMBOLS
 NO MISSING SYMBOL NUMBER

DATE	20N017	REV	R	01	CHG	-	ZONE	-	REVISION HISTORY	INITIAL RELEASE	AUTH	446507	DR	SYK	APVD	SJW	APVD	PJH
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(TPA IN PRE-LOCK POSITION)

(TPA IN FINAL-LOCK POSITION)

- NOTES:
1. TOLERANCE MUST MEET DIN ISO 2768 (M)
 2. TEST SPECIFICATION PER: E591500-00
 3. ALLOWED WIRE RANGE: 0.3 mm² to 1.25mm² (JASO WIRE)
 4. APPLICABLE TERMINAL: APEX1.2 MALE TERMINAL
 5. MATERIAL : PA66 GF25

ASSEMBLY	CODING TYPE	① HOUSING		② TPA	
		P/N/O	COLOR	P/N/O	COLOR
35078036	A	35078042	BLACK	35023359	BLUE
35078037	B	35078043	BLACK	35023360	BROWN
35078038	C	35078044	BLACK	35023361	LIGHT GRAY
35078040	D	35078045	BLACK	35023362	RED

TYPE	PART NUMBER	MVL PART NUMBER	CABLE SEAL		COLOR	MATERIAL
			WIRE SIZE (mm ²)	INSULATION(Ø)		
LONG	33513680	F310400	0.3 ~ 0.35	1.2 ~ 1.5	RED	SILICONE RUBBER
	33511838	F410400	0.5 ~ 0.85	1.6 ~ 1.9	GRAY	
	33318278	F599700	1.0 ~ 1.5	2.0 ~ 2.4	YELLOW	
SHORT	33318279	-	0.3 ~ 0.35	1.2 ~ 1.6	GRAY	
	33318275	-	0.5 ~ 0.85	1.6 ~ 1.9	LIGHT GRAY	
	33402443	-	1.0 ~ 1.5	1.9 ~ 2.4	BLACK	
DUMMY SEAL	35020635	-	-	-	WHITE	
						DARK GRAY

PART NUMBER	ACCEPTABLE TERMINAL		
	PLATED	GAGE	WIRE SIZE (mm ²)
33219166	TIN	20,22	0.3-0.5
33219167		16,18	0.8-1.25
33219168	Ag	20,22	0.3-0.5
33219169		16,18	0.8-1.25
33219170	Au	20,22	0.3-0.5
33219171		16,18	0.8-1.25

DIN ISO 2768	Tolerance Class medium (m)						
Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm)						
	0.5 *1 up to 3	over 3 up to 6	over 6 up to 30	over 30 up to 120	over 120 up to 400	over 400 up to 1000	over 1000 up to 2000
Broken edges (radii, chamfers)	Permissible deviations for basic size range (mm)						
	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2
Angular dimensions	Permissible deviations for ranges of lengths, in mm, of the shorter side of the angle concerned						
	up to 10	over 10 up to 50	over 50 up to 120	over 120 up to 400	over 400		
	±1°	±0° 30'	±0° 20'	±0° 10'	±0° 5'		

THIRD ANGLE PROJECTION	DO NOT SCALE	USE MATH DATA
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UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE DIMENSIONAL DIMENSIONING AND TOLERANCING ADDENDUM (2001). SEPARATE PATTERNS OF FEATURES MAY BE ORDERED SEPARATELY REGARDLESS OF DATUM REFERENCES.	
DRW TYPE	PART DRAWING
VOLUME T0P1	DISTR CODE D
ALL DIMENSIONS ARE IN MILLIMETERS	
REFERENCE	

• APTIV •
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DR	DATE
APVD1 SUNG, YUN-KYU	20N017
APVD2 SEO, JU-WON	20N017
APVD3 PARK, JOO-HYUN	20N017
APVD4	

MATERIAL: SEE TABLE

DRAWING NAME: APEX1.2 4WAY MALE CONNECTOR

DRAWING NUMBER: 35078047

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	NVP
A0	5:1	1 OF 1	1 OF 1	R	01	-