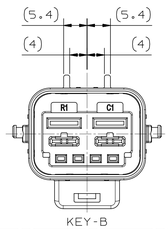
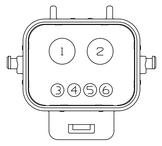


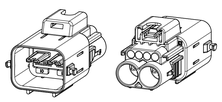
KEY-A



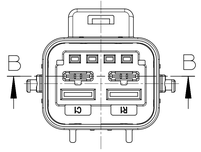
KEY-B

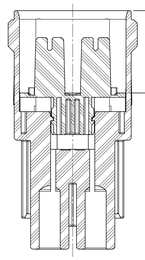


SYMBOL



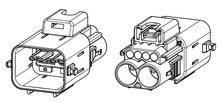
ISOMETRIC VIEW
SCALE 1:1



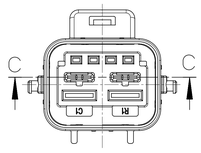


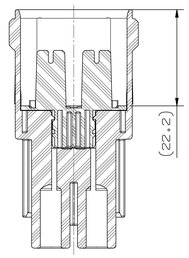
SECTION B-B

TPA IN PRE-LOCK POSITION



ISOMETRIC VIEW
SCALE 1:1





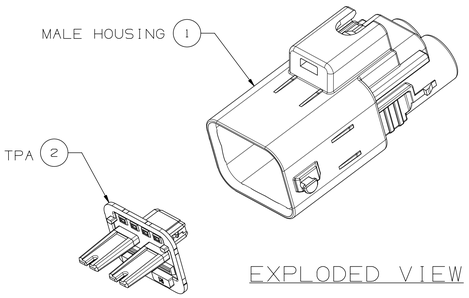
SECTION C-C

TPA IN FINAL-LOCK POSITION

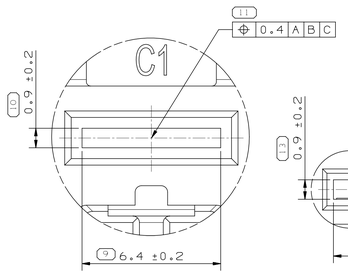
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	14
	LAST NO. USED	14

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

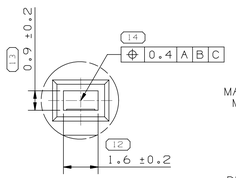
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD1	APVD2
DATE	STG	REV	N/P	CHG						
25AP16	R	01	-	-		INITIAL RELEASE		BHC	JJY	PJH
21DE16	R	02	-	-	G7 E11 E12 B15	CHANGED BRACKET DIMENSIONS CHANGED TOLERANCE UPDATED TABLE FOR CABLE SEAL&ASSOCIATED PARTS		BHC	JJY	PJH
06MR17	R	02	AA	-		DELETED P/N OF 6.3mm DUMMY SEAL		BHC	JJY	PJH
24MY17	R	03	-	-	B7	CHANGED DESIGN FOR SILICONE POTTING		BHC	SJW	PJH



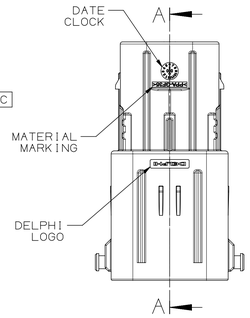
EXPLODED VIEW

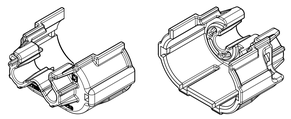


DETAIL D
SCALE 10:1
2 PLACES



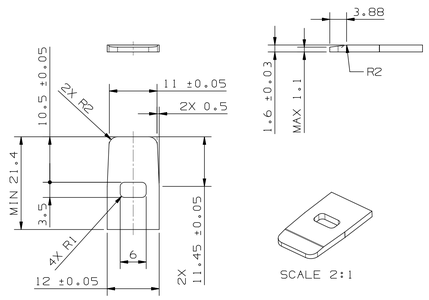
DETAIL E
SCALE 10:1
4 PLACES





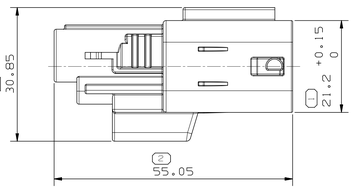
RETAINER ISO VIEW

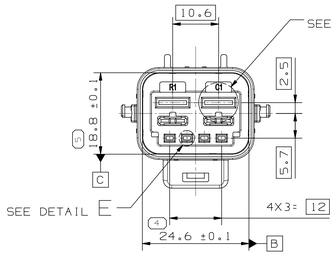
NO	PRODUCT NAME	PART NUMBER	REMARK
1	RETAINER	33341381	ONLY FOR ATW-FEP 3mm² WIRE OF 6.3mm TML

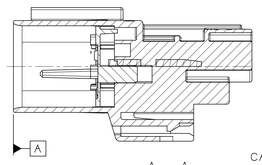


SCALE 2:1

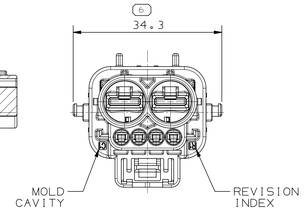
FOR CONNECTOR BRACKET

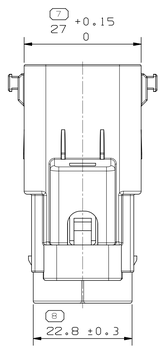






SECTION A-A





CABLE SEAL						
TYPE	PART NUMBER		INSULATION Ø (mm)	COLOR	WIRE SPECIFICATION	
	MVL	DELPHI			SIZE(mm²)	TYPE(REF.)
1.5mm	-	33318273	1.2~1.5	BLACK	0.3~0.35	AVSS,ATW-FEP
	-	33318274	1.6~1.9	GRAY	0.5~0.85	AVSS,ATW-FEP
1.5mm DUMMY	-	33402443	-	WHITE	-	-
	-	35020635	-	DARK GRAY	-	-
6.3mm	-	15324995	2.9~3.8	RED	3.0	AVS,ATW-FEP
	-	15324994	3.7~4.8	GRAY	3.0	AEX,AEXF
					5.0	ATW-FEP
					5.0	AVS

ASSOCIATED PARTS					
MALE TERMINAL		PART NUMBER		WIRE SIZE(mm²)	AWG
		MVL	DELPHI		
APEX 1.5	ELECTRO TIN	54002233	33337936	0.3~0.5	20~22
		54001842	TBD	0.75~0.85	18
	GOLD STRIPE GOLD SPOT	54002235	33337938	0.3~0.5	20~22
		54001844	TBD	0.75~0.85	18
HETS 6.3	TIN	-	33341385	3.0~5.0	10~12
	SILVER	-	33341386	3.0~5.0	10~12

ASSEMBLY P/NO	REV	CODING TYPE	① HOUSING			② TPA			COUNT P/NO
			P/NO	MATERIAL	COLOR	P/NO	MATERIAL	COLOR	
33341373	01	A	33341377	PPA GF35	BLACK	33341380	PA66 GF35	NATURAL	33293527
33341375	01	B	33341378		DARK GRAY				33323707

NOTES:

1. NON SPECIFIED TOLERANCE : ISO 2768(m)
2. MUST BE FREE OF CRACK, FLOW MARK, FLASH, BURR ETC THAT AFFECT FUNCTION OF PRODUCT
3. MUST MEET HMC SPEC ES91500-00 UNLESS OTHERWISE SPECIFIED TO VENDOR SPECIFICATION.
4. APPLICABLE FEMALE CONNECTOR DRAWING NO : 33297299
5. THE INFORMATION FOR 6.3mm CALBE SEAL IS LOCATED IN THIS OR TERMINAL DRAWING(TAX! NO. 33390244)
6. MUST ALWAYS ASSEMBLE A RETAINER FOR 6.3MM TERMINAL
7. REMOVED THE SECONDARY LOCK OF TERMINAL FROM TPA FOR SILICONE POTTING

DIN ISO 2768	Tolerance Class medium (m)							
Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm)							
	0.5 ≤ x 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	
	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	
Broken edges (radii, chamfers)	Permissible deviations for basic size range (mm)							
	0.5 ≤ x up to 3		over 3 up to 6		over 6			
	±0.2		±0.5		±1			
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'			

*) For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

( ) PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)									CHART ET
FROM	> 0	>3	>6	>30	>70	>120	>150	>250	>300
TO	3	6	30	70	120	150	250	300	400
TOLERANCE UNLESS OTHERWISE SPECIFIED									
ANGULAR TOLERANCE ±2°	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

^~~~ 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

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

Chennai, India

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		DATE
DR	BAEK,HYUN-CHUL	06MR17
APVD1	BAEK,HYUN-CHUL	06MR17
APVD2	JUNG,JAE-YUP	06MR17
APVD3	PARK,JOO-HYUN	06MR17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE TABLE

DRAWING NAME: 6WAY MALE ASSEMBLY

DRAWING NUMBER: 33341344

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	2:1	1 OF 1	1 OF 1	R	03	-