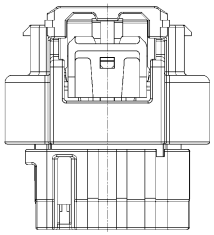

KEY A
SCALE 2:1


KEY B
SCALE 2:1


KEY C
SCALE 2:1


KEY D
SCALE 2:1

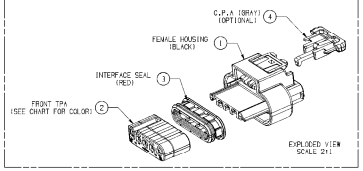


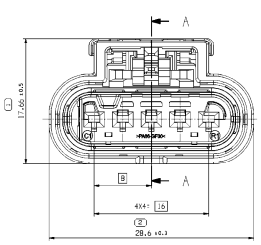
ISOMETRIC VIEW			
OPTION		WITH CPA	WITHOUT CPA
DELPHI	PART NUMBER	35023342	35032599
	PART REVISION	01	01

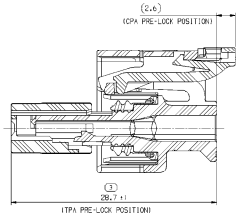
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ☐ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	4
	LAST NO. USED	4

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

ENG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
DATE	STR	REQ	RLYP	DIR					1	2
01APR17	R	01	-	-	-	INITIAL RELEASE		SYW	JJP	JJP

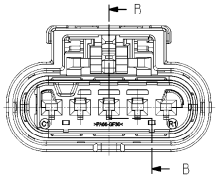


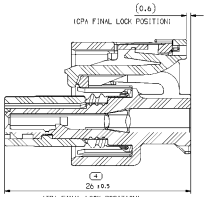




SECTION A-A

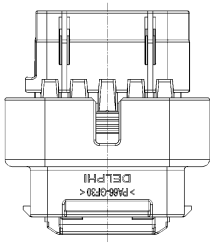
C.P.A & T.P.A IN PRE LOCK POSITION

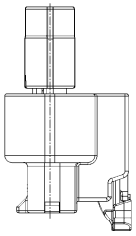




SECTION B-B

C.P.A & T.P.A IN FINAL LOCK POSITION





TYPE	ASSEMBLY	CODING TYPE	HOUSING	TPA		INTERFACE SEAL	CPA (OPTIONAL)
				P/NO.	COLOR		
WITH CPA	35023342	A	35023355	33272057	ROYAL BLUE	33272062	33219398
	35023343	B		33272058	BROWN		
	35023344	C		33272059	LIGHT GRAY		
	35023345	D		33272060	RED		
WITHOUT-CPA	35032599	A		33272057	ROYAL BLUE		-
	35032600	B		33272058	BROWN		
	35032601	C		33272059	LIGHT GRAY		
	35032602	D		33272060	RED		

REP	QTY	DESCRIPTION	MATERIAL	COLOR	DELPHI P/N	REMARK
4	1	FEMALE CPA	PA66 GF35%	GRAY	33219398	OPTIONAL
3	1	INTERFACE SEAL	SILICONE RUBBER	RED	33272062	
2	1	TPA CODE A	PA66 GF30%	ROYAL BLUE	33272057	
1	1	FEMALE HOUSING	PA66 GF30%	BLACK	35023355	

CABLE SEAL						
TYPE	PART NUMBER	MVL PART NUMBER	WIRE SIZE (mm²)	INSULATION(Ø)	MATERIAL	COLOR
LONG	33513680	F310400	0.3 ~ 0.35	1.2 ~ 1.5	SILICONE RUBBER	RED
	33268526	-	0.3 ~ 0.35	1.2 ~ 1.5	FLUORO SILICONE	BLUE
	33511838	F410400	0.5 ~ 0.85	1.6 ~ 1.9		GRAY
	33513681	F599700	1.0 ~ 1.5	2.0 ~ 2.4		YELLOW
	33318273	-	0.3 ~ 0.35	1.2 ~ 1.6		BLACK
	33318274	-	0.5 ~ 0.85	1.6 ~ 1.9		GRAY
DUMMY SEAL	33402443	-	-	-	SILICONE RUBBER	WHITE
	35020635	-	-	-		DARK GRAY
SHORT	33318278	-	0.3 ~ 0.35	1.2 ~ 1.6		GRAY
	33318279	-	0.5 ~ 0.85	1.6 ~ 1.9		LIGHT GRAY
	33318275	-	1.0 ~ 1.5	1.9 ~ 2.4		BLACK
	33366680	-	0.3 ~ 0.35	1.2 ~ 1.6		BLUE
	33366681	-	0.5 ~ 0.85	1.6 ~ 1.9	FLUORO SILICONE	GREEN
	33366679	-	1.0 ~ 1.5	1.9 ~ 2.4		BROWN

DIN ISO 2768	Tolerance Class medium (m)					
Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm)					
	0.5 x1 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 x1 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'	
x1 For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).						

ASSOCIATED PARTS										
FEMALE TERMINAL		PART NUMBER	WIRE SIZE (mm²)	TYP (AWG)	CRIMP SPECIFICATIONS (FOR REFERENCE ONLY)					
					CONDUCTOR			INSULATION		
					C.W	C.H	CRIMP STYLE	C.W	C.H	CRIMP STYLE
APEX 1.2	TIN	54001864	0.75 ~ 1.25	16	2.45	1.15	"B"	3.35	3.40	"O"
				18	2.05	1.20		3.35	3.10	
		54002006	0.3 ~ 0.5	20	1.65	1.05	"B"	3.00	2.85	
				22	1.65	0.95		3.00	2.75	
	SILVER STRIPE, SPOT	F731400	0.75 ~ 1.25	16	2.45	1.15	"B"	3.35	3.40	"O"
				18	2.05	1.20		3.35	3.10	
		F931400	0.3 ~ 0.5	20	1.65	1.05	"B"	3.00	2.85	
				22	1.65	0.95		3.00	2.75	
	GOLD STRIPE, SPOT	54001863	0.75 ~ 1.25	16	2.45	1.15	"B"	3.35	3.40	"O"
				18	2.05	1.20		3.35	3.10	
		54002005	0.3 ~ 0.5	20	1.65	1.05	"B"	3.00	2.85	
				22	1.65	0.95		3.00	2.75	
	TIN SILVER	54001866	0.75 ~ 1.25	16	2.45	1.15	"B"	3.35	3.40	"O"
				18	2.05	1.20		3.35	3.10	
		54002007	0.3 ~ 0.5	20	1.65	1.05	"B"	3.00	2.85	
				22	1.65	0.95		3.00	2.75	

NOTES:

1. TOLERANCE MUST MEET DIN ISO 2768(M)
2. TEST SPECIFICATION PER : HMC ES91500-00
3. ALLOWED WIRE RANGE : 0.3mm² TO 1.25mm² (AS50 WIRE)
4. APPLICABLE TERMINAL : APEX1.2 FEMALE TERMINAL

THE DRAWN TERMINAL PART NUMBER AND CUSTOMER PART NUMBER(S) ARE NOT AVAILABLE FOR ORDERING.
PART NUMBERS THAT OR NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.
CONTACT DELPHI SALES TO VERIFY AVAILABILITY OF PARTS.
CONNECTOR TYPE
PART DRAWING
STYLE
RELEASE DATE
DESIGN OWN
UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS IN ACCORDANCE WITH ISO 14.34-1994 AND ASME Y14.5M-1994
TOLERANCES UNLESS OTHERWISE SPECIFIED
FEATURES NOT TO BE DIMENSIONED OR TOLERANCED BY DRAWING ARE NOT REQUIRED
ALL DIMENSIONS ARE IN MILLIMETERS
REFERENCE
PROCESS INSPECTION DIMENSION
DIMENSIONS AND ZONES WITH A (I) INDICATE INSPECTION REQUIREMENTS AS TO TOLERANCE LIMITS ARE ESTABLISHED.
THIRD ANGLE PROJECTION
DO NOT SCALE
USE MATH DATA

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
Packard Way
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DR		DATE
APVD1	SUNG,YUN-KYU	01APR17
APVD2	JUNG,JAE-YUP	01APR17
APVD3	PARK,JOO-HYUN	01APR17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI SPEC(S):

MATERIAL
SEE TABLE

DRAWING NAME
APEX1.2 2WAY FEMALE CONNECTOR ASSY

DRAWING NUMBER
35023339

SIZE	SCALE	TRANS NO	SHEET NO	ATO	REV	NOP
A0	5:1		1 OF 1	1 OF 1	R	01