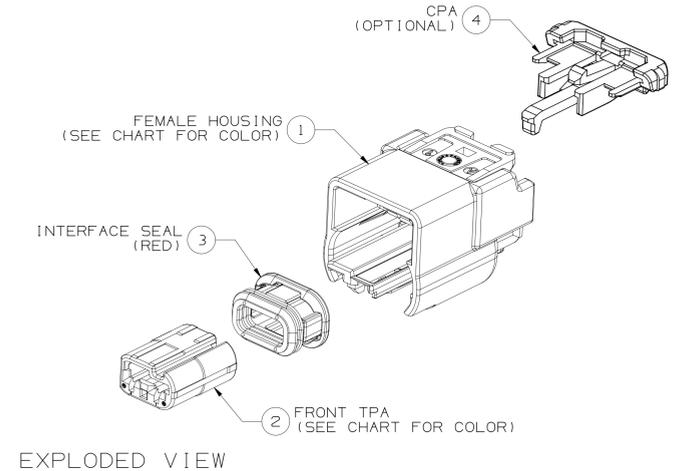


CPA & TPA IN PRE-LOCK POSITION

CPA & TPA IN FINAL POSITION

TYPE	ASSEMBLY	CODING TYPE	HOUSING		TPA		INTERFACE SEAL (RED)	CPA
			P/N/O	COLOR	P/N/O	COLOR		
WITH CPA	33318607	A	33318615		33401229	ROYAL BLUE	33376563	33219398 (GRAY)
	33318608	B	33318616	BLACK	33401230	BROWN		
	33318609		33318617		33401231	LT GRAY		
	35072591	C	35076902	LT GRAY	35076903	BLACK		
	33318610	D	33318618	BLACK	33401232	RED		
	35335595	A	33318615		33401229	ROYAL BLUE		
WITHOUT CPA	35335596	B	33318616	BLACK	33401230	BROWN	35335604 (LT GRAY)	
	35335597	C	33318617		33401231	LT GRAY		
	35335598	D	33318618		33401232	RED		
	33318611	A	33318615		33401229	ROYAL BLUE		
	33318612	B	33318616	BLACK	33401230	BROWN		
	33318613		33318617		33401231	LT GRAY		

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	4
⊖		LAST NO. USED	4

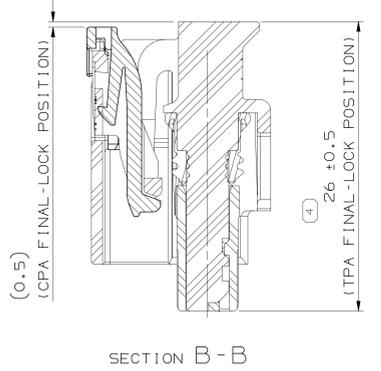
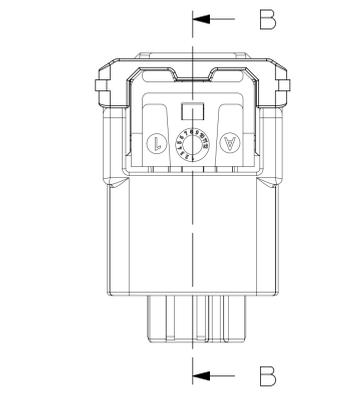
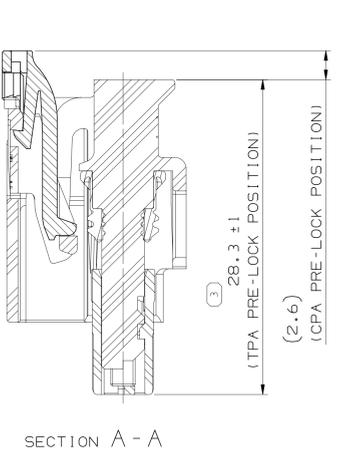


ISOMETRIC VIEW		CODE A (SCALE 2:1)	CODE A (SCALE 2:1)
OPTION		WITH CPA	WITHOUT CPA
DELPHI	PART NUMBER	33318607	33318611
	PART REVISION	01	01

DWG STATUS				REVISION HISTORY				AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	CHG	ZONE	DESCRIPTION						
11JA16	R	01	-	-	INITIAL RELEASE		-	KBK	KBK	PJH	
15JL16	R	02	-	-	INTERFACE SEAL DESIGN MODIFIED HOUSING LATCH DESIGN MODIFIED		-	SYK	JJY	PJH	
19OC16	R	03	-	D5	ADDED CABLE SEAL PART NUMBER		-	SYK	JJY	PJH	
07NO16	R	04	-	-	ADDED DUMMY SEAL (DARK GRAY)		-	SYK	JJY	PJH	
09JN17	R	05	-	-	ADDED HOUSING COLOR (GRAY) / TPA COLOR (BLACK)		-	SYK	SJM	PJH	
06DE17	R	06	-	-	ADDED NOTES 5 MODIFIED TABLE OF CABLE SEAL DELETED DUMMY SEAL		-	SYK	SJM	PJH	
08AP19	R	07	-	-	ADDED PART NO. WITH NEW CPA (LT GRAY)		-	SYK	SJM	PJH	

DIN ISO 2768		Tolerance Class Fine (m)						
Linear Dimensions (except for broken edges)	Permissible deviations for basic size range (mm)	0.5 *	over 3 up to 3	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 *	up to 3	over 3 up to 6	over 3 up to 6	over 6		
			±0.2	±0.5	±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).



REP.	QTY	DESCRIPTION	MATERIAL	COLOR	DELPHI P/N	REMARK
4	1	FEMALE CPA	PA66 GF 35%	GRAY	33219398	OPTIONAL
3	1	INTERFACE SEAL	SILICONE RUBBER	RED	33376563	-
2	1	TPA CODE A	PA66 GF 25%	ROYAL BLUE	33401229	-
1	1	FEMALE HOUSING A	PA66 GF 30%	BLACK	33318615	-

CABLE SEAL						
TYPE	PART NUMBER	MVL PART NUMBER	WIRE SIZE (mm²)	INSULATION (Ø)	COLOR	MATERIAL
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	
	33513681	F599700	1.0 ~ 1.5	2.0 ~ 2.4	YELLOW	
SHORT	33318278	-	0.3 ~ 0.35	1.2 ~ 1.6	GRAY	FLUORO SILICONE
	33318279	-	0.5 ~ 0.85	1.6 ~ 1.9	LIGHT GRAY	
	33318275	-	1.0 ~ 1.5	1.9 ~ 2.4	BLACK	
LONG	33268526	-	0.3 ~ 0.35	1.2 ~ 1.5	BLUE	FLUORO SILICONE
	33366680	-	0.3 ~ 0.35	1.2 ~ 1.6	BLUE	
SHORT	33366681	-	0.5 ~ 0.85	1.6 ~ 1.9	GREEN	FLUORO SILICONE
	33366679	-	1.0 ~ 1.5	1.9 ~ 2.4	BROWN	

ASSOCIATED PARTS				
FEMALE TERMINAL	PART NUMBER	WIRE SIZE (mm²)	TYP (AWG)	
TIN	54001864	0.75 ~ 1.25	16	18
	54002006	0.3 ~ 0.5	20	22
SILVER STRIPE, SPOT	F731400	0.75 ~ 1.25	16	18
	F931400	0.3 ~ 0.5	20	22
GOLD STRIPE, SPOT	54001863	0.75 ~ 1.25	16	18
	54002005	0.3 ~ 0.5	20	22
TIN SILVER	54001866	0.75 ~ 1.25	16	18
	54002007	0.3 ~ 0.5	20	22

- NOTES:
- TOLERANCE MUST MEET DIN ISO 2768(m)
 - TEST SPECIFICATION PER HKMC : E591500-00
 - ALLOWED WIRE RANGE : 0.3mm² TO 1.25mm² (JASO WIRE)
 - APPLICABLE TERMINAL : APEX1.2 FEMALE TERMINAL
 - APPLICABLE MATERIAL OF SEAL IS ONLY SILICONE RUBBER FOR HKMC

DWG TYP: PART DRAWING

WEIGHT (GR):

VOLUME (CM³):

ROUTING:

UNLESS OTHERWISE SPECIFIED

GENERAL TOLERANCES ACCORDING TO:

GD&T ACCORDING TO:

REFERENCE:

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

• APTIV •

CONNECTION SYSTEMS

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DR: KIM, BEOM KYU | DATE: 11JA16

APVD1: KIM, BEOM KYU | 11JA16

APVD2: KIM, BEOM KYU | 11JA16

APVD3: PARK, JOO HYUN | 11JA16

APVD4:

APVD5:

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV (D944901)

MATERIAL:

DRAWING NAME: 2WAY FEMALE ASSEMBLY

DRAWING NUMBER: 33318603

SIZE: A2x3 | SCALE: 4:1 | FRAME NO: 1 OF 2 | SHEET NO: 1 OF 1 | STG: R | REV: 07

33318603