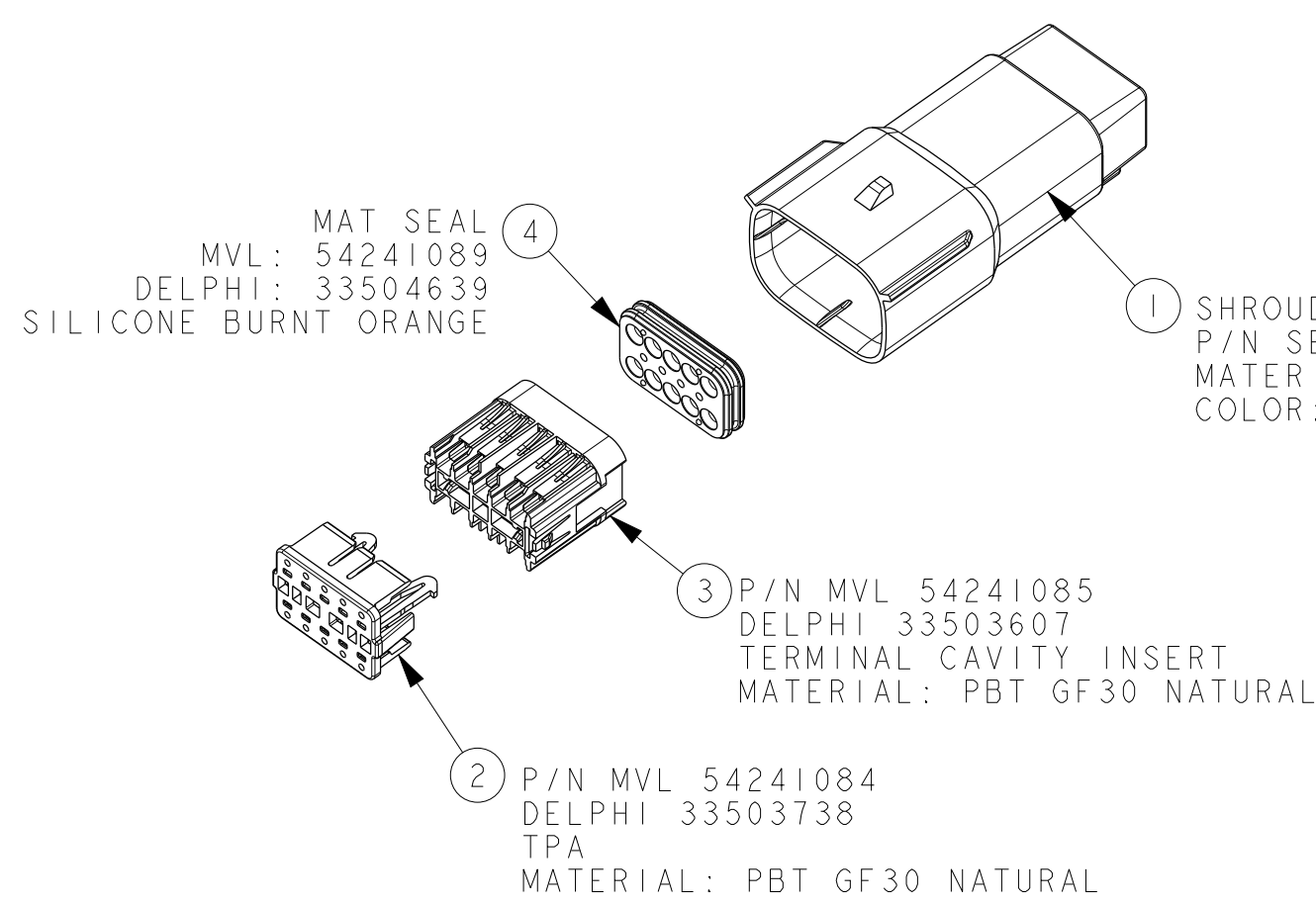
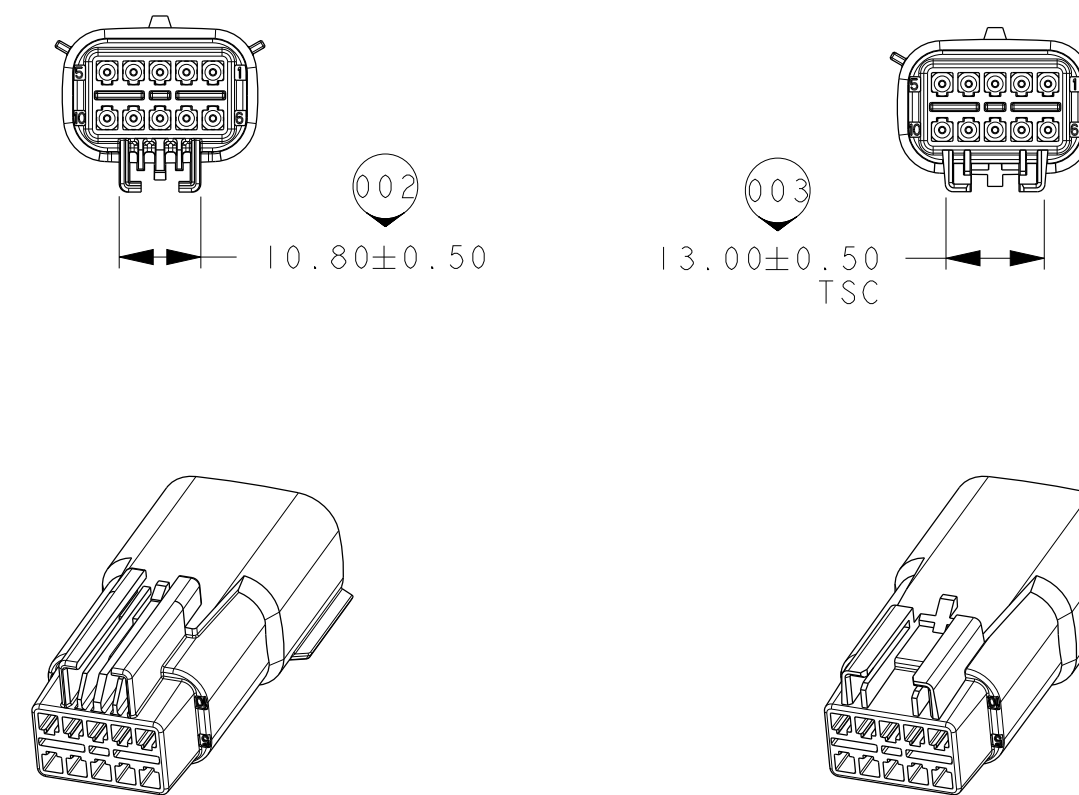


23				22				21				20				19				18				17				16			
ASSEMBLY NUMBERS				REV	KEY OPTIONS	COLOR	CLIP SLOT	HOUSING		PLUGGED (X)				SEAL POSITIONS				TOTAL CIRCUITS	OPEN CIRCUITS	MATING P/N		FOR REFERENCE									
MVL	REV	DELPHI	MVL					DELPHI	1	2	3	4	5	6	7	8	9			10	MVL	DELPHI	MVL	DELPHI							
54241000	D	136736996	01	A	BLACK	1	54241050	33503595								10	54241030	13737245	54241030N	33500341											
54241001	D	13771870	01	B	GREY		54241059	33503596									10	54241031	13775899	54241031N	33500342										
54241002	D	33500123	01	C	BROWN	54241060	33503597									10	54241032	33500135	54241032N	33500343											
54241003	D	33500124	01	D	GREEN	54241061	33503598									10	54241033	33500136	54241033N	33500344											
54241004	D	33500125	01	A	BLACK	54241062	33503599									10	54241030	13737245	54241030N	33500341											
54241005	D	33500126	01	B	GREY	54241063	33503600									10	54241031	13775899	54241031N	33500342											
54241006	D	33500127	01	C	BROWN	54241064	33503601									10	54241032	33500135	54241032N	33500343											
54241007	D	33500128	01	D	GREEN	54241065	33503602									10	54241033	33500136	54241033N	33500344											
54241008	D	13672213	01	A	BLACK	1	54241050	33503587					X			9	54241034	33500137	54241034N	33500345											
54241009	D	33500129	01	B	GREY		54241051	33503588					X				9	54241035	33500138	54241035N	33500346										
54241010	D	33500130	01	A	BLACK	2	54241054	33503591					X			9	54241034	33500137	54241034N	33500345											
54241011	D	33500131	01	B	GREY		54241055	33503592					X				9	54241035	33500138	54241035N	33500346										
54241012	D	13672211	01	A	BLACK	1	54241050	33503587					X	X		8	54241036	33500139	54241036N	33500347											
54241013	D	33500132	01	B	GREY		54241051	33503588					X	X			8	54241037	33500140	54241037N	33500348										
54241014	D	33500133	01	A	BLACK	2	54241054	33503591					X	X	X	8	54241036	33500139	54241036N	33500347											
54241015	D	33500134	01	B	GREY		54241050	33503587					X	X			8	54241037	33500140	54241037N	33500348										
54241016	E	33511329	01	A	BLACK	1	54241050	33503587	X	X			X	X	X	X	3	54241038	33511334	54241038N	33511338										
54241017	E	33511330	01	A	BLACK		54241050	33503587	X	X			X	X	X	X	3	54241039	33511335	54241039N	33511339										
54241018	F	33511331	01	A	BLACK	2	54241054	33503591							X	X	X	6													
54241019	G	33511332	01	A	BLACK								X	X	X			6	54241041	33511336	54241041N	33511340									
54241020	G	33511333	01	A	BLACK	1	54241050	33503587					X	X		X	8	54241042	33511337	54241042N	33511341										
F606300	J	13779746	01	A	BLACK											X	9	F706300	13779747												
-	-	33400413	01	A	BLACK	1	54241050	33503587	X	X	X	X	X	X	X	X	0	-	-	-	-										
-	-	33400414	01	A	BLACK		2	54241054	33503591	X	X	X	X	X	X	X	X	0	-	-	-	-									
-	-	33400415	01	B	GREY	1	54241051	33503588	X	X	X	X	X	X	X	X	0	-	-	-	-										
-	-	33400416	01	B	GREY	2	54241055	33503592	X	X	X	X	X	X	X	X	0	-	-	-	-										



EXPLODED VIEW
SCALE 1:1

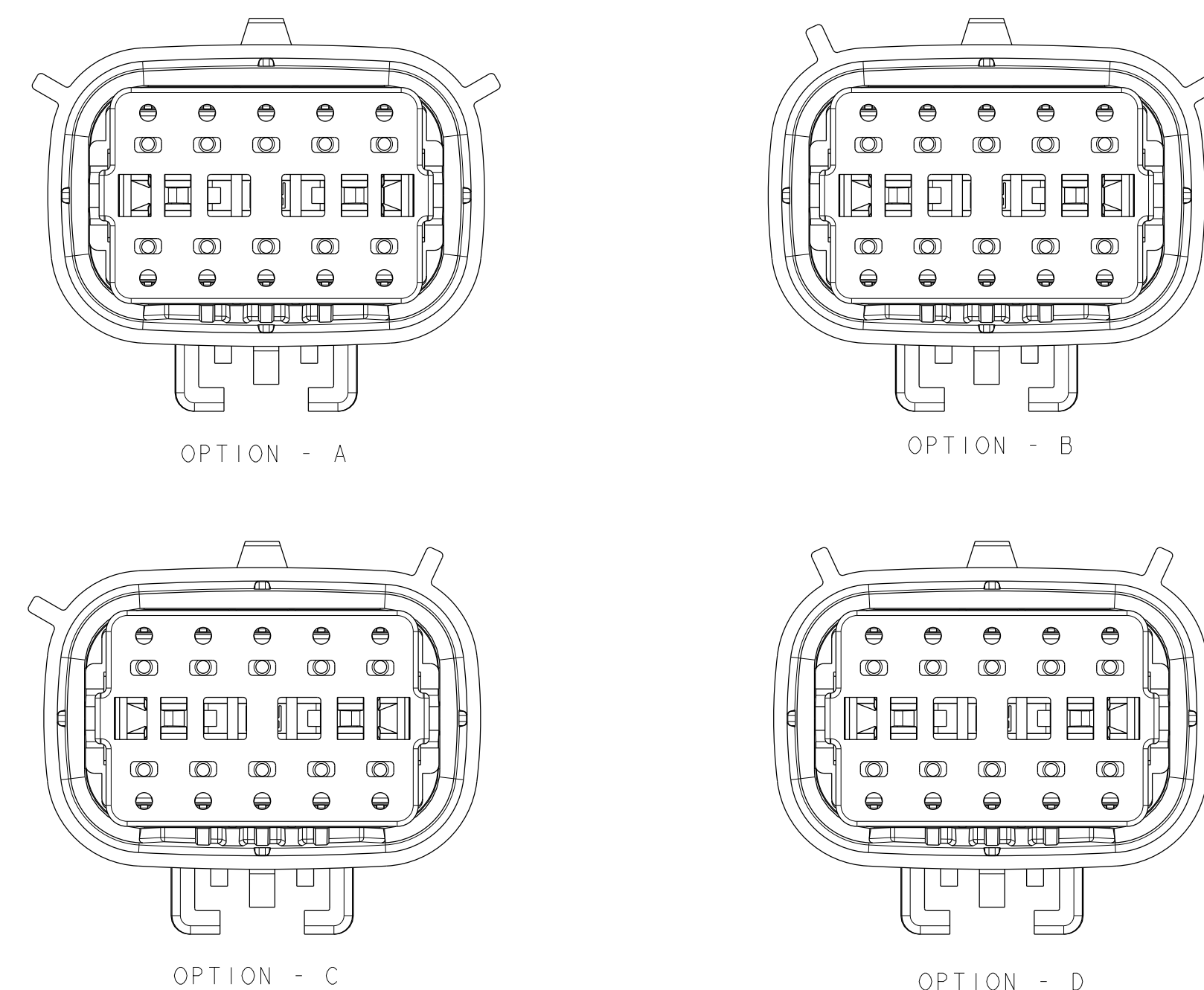
NOTE: ITEMS ②③ & ④
INCLUDED IN EACH ASSY



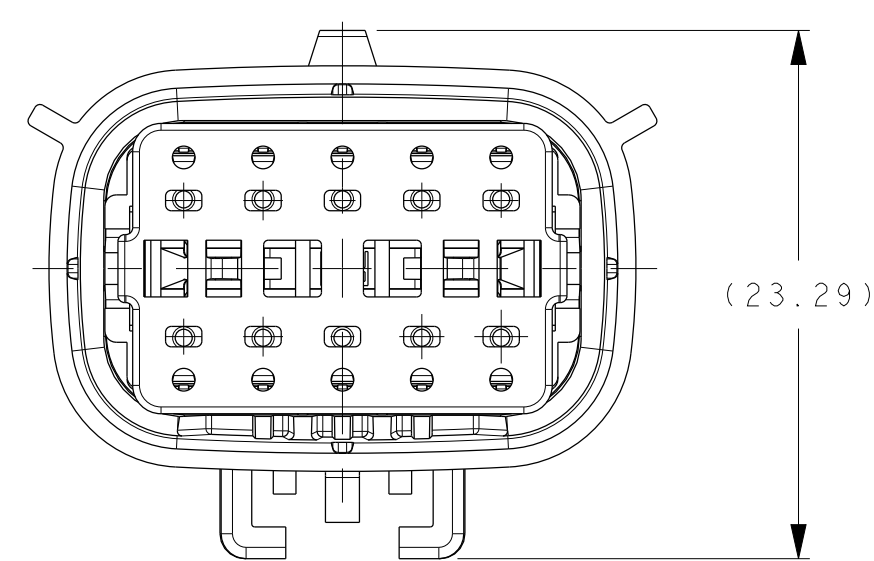
CLIP SLOT TYPE-1

CLIP SLOT TYPE-2

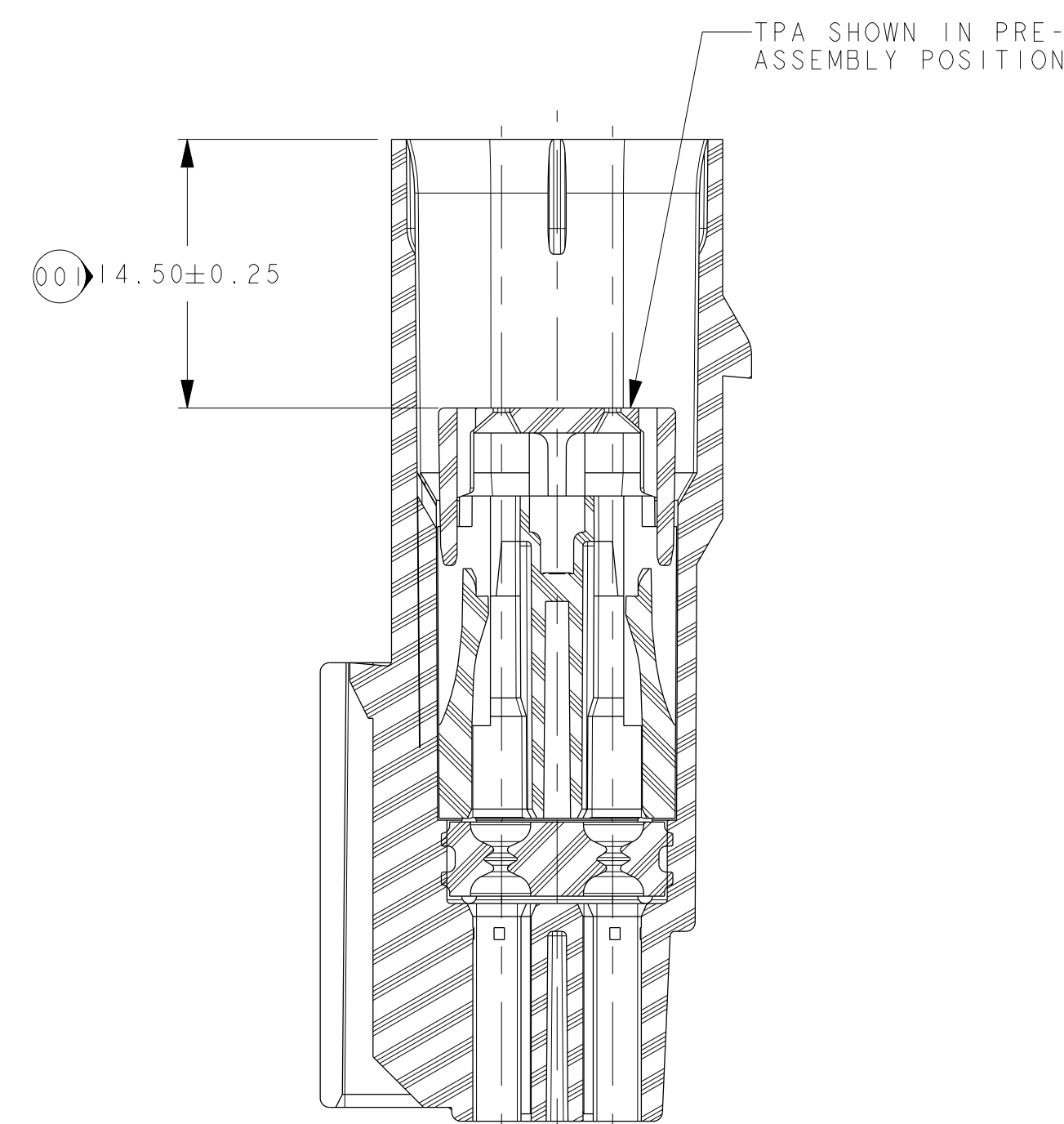
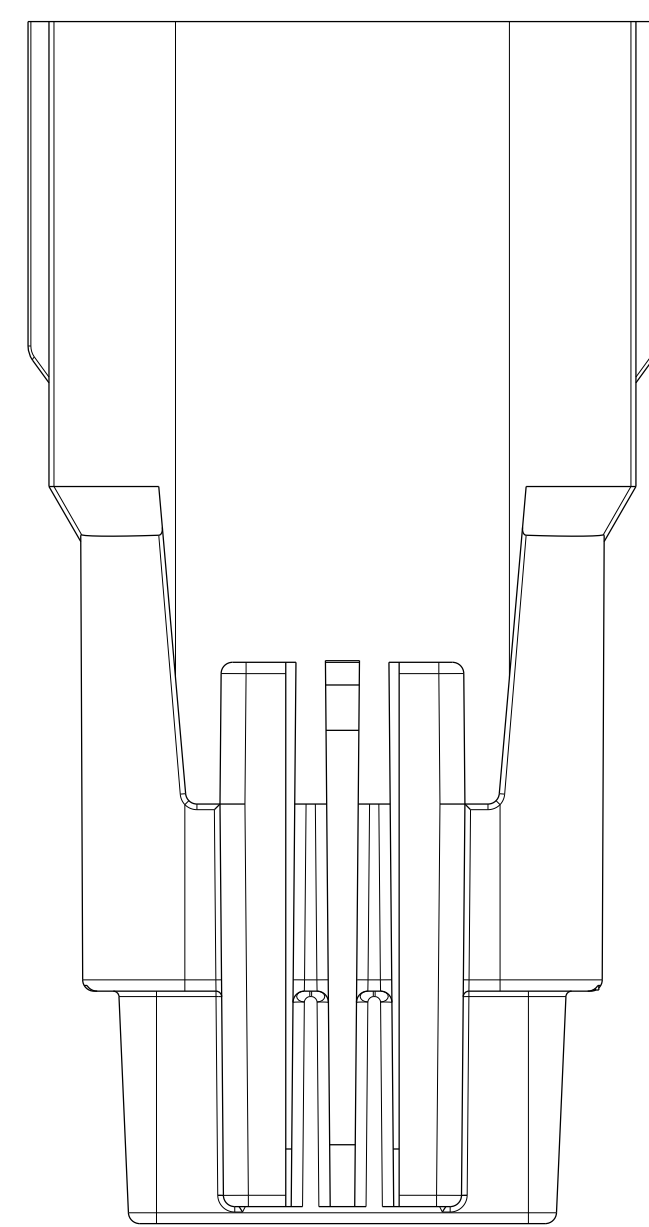
CLIP SLOT OPTIONS



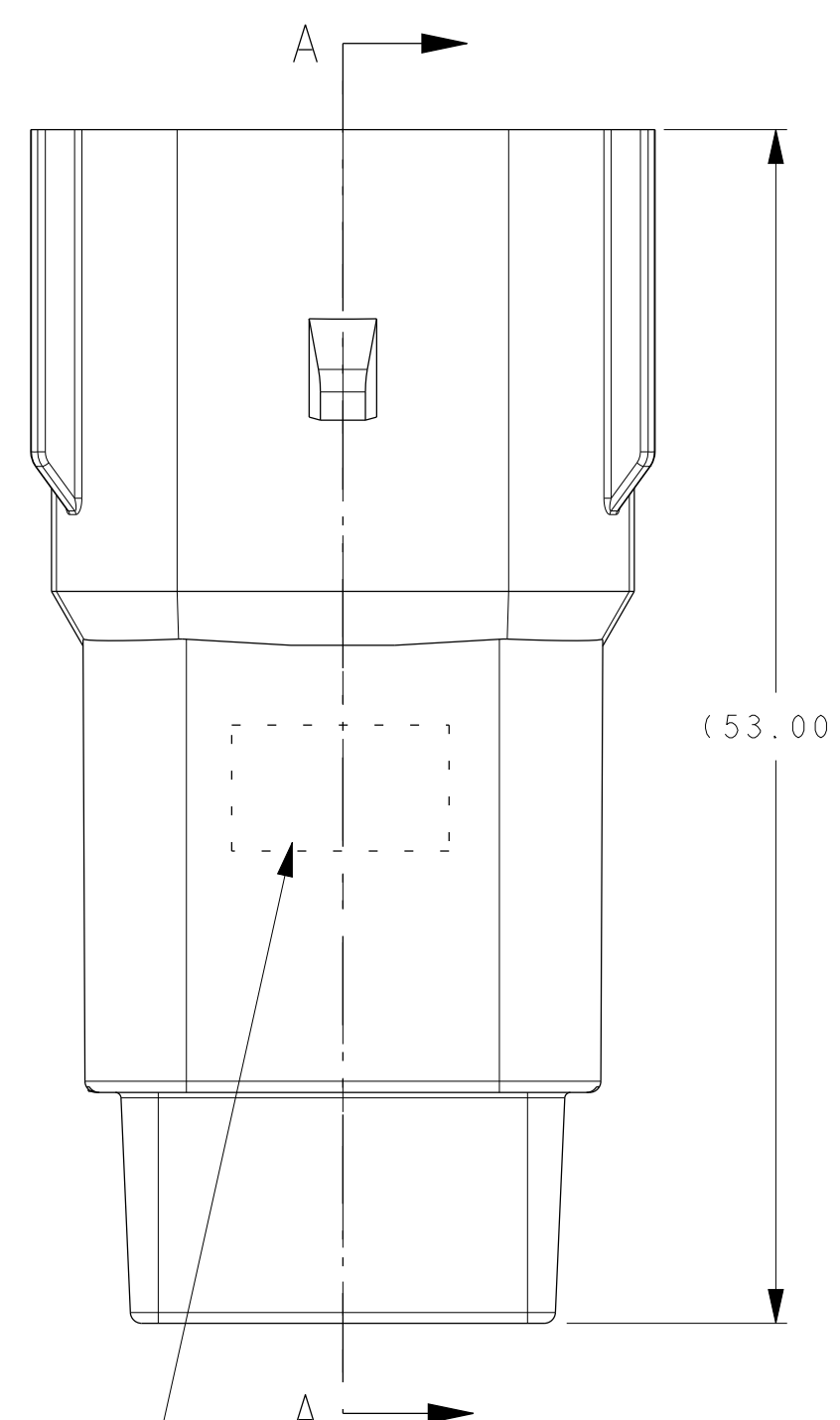
POLARIZATION OPTIONS
(SHOWN WITH CLIP SLOT TYPE-1)



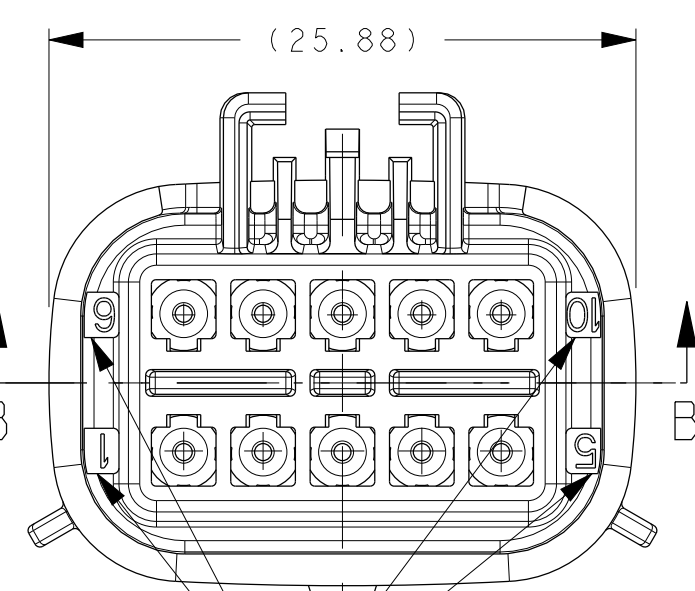
ACTUAL SIZE VIEW



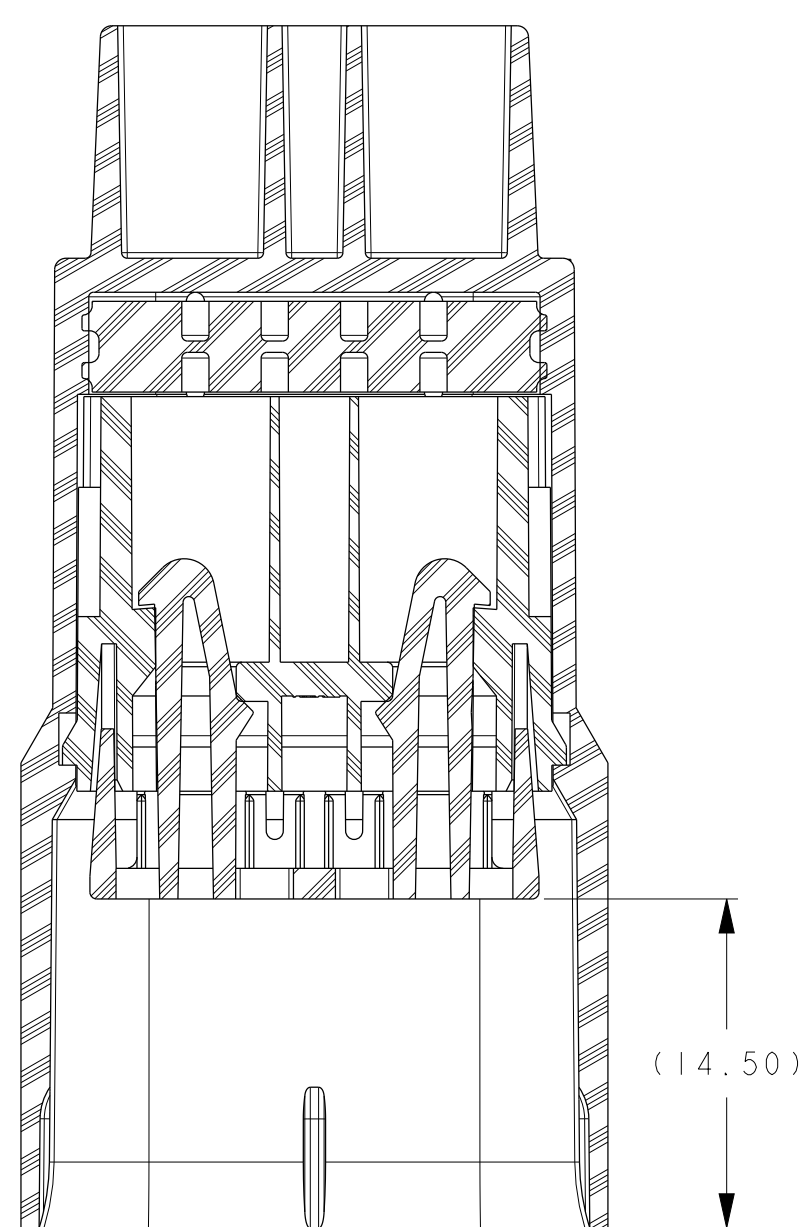
SECTION A - A



ASSEMBLY NUMBER DATE
CODE THIS AREA

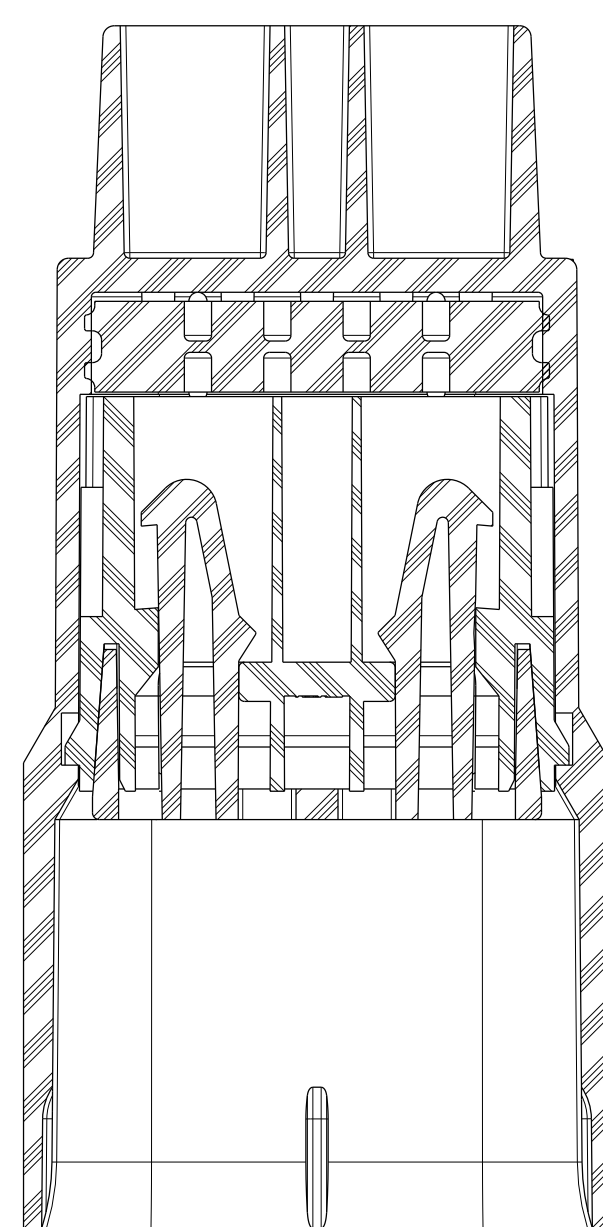


CAVITY NUMBERS—



SECTION B-B

TPA SHOWN IN PRE-ASSEMBLY POSITION



SECTION B-B

TPA SHOWN IN FINAL ASSEMBLY POSITION

- NOTES:
- 1) MAXIMUM TEMPERATURE CLASS:
CLASS 3 (125°C)
 - 2) TEST METHOD PER:
SAE/USCAR-2 REV-4
SAE/USCAR-20 REV-2
 - 3) CONNECTOR MAY BE USED WITH THE FOLLOWING RANGE
OF WIRE SIZES/TYPES:
-SIZE: 22 GAGE- 16 GAGE - 1.50mm MIN O.D. TO 2.41mm MAX O.D.
-TYPE: 1 XL (MIL-D123-A /MS-8288)
-DELPHI CONTACT DELPHI ENGINEERING REGARDING USE OF OTHER WIRE
TYPES AND/OR SIZES
 - 4) CONNECTOR MAY BE USED WITH THE FOLLOWING TERMINALS:
-DELPHI APEX150 WITH WIRE SIZES DEFINED IN NOTE 3
-SEE DELPHI DRAWING J54011 FOR SPECIFIC PART NUMBERS
AND CRIMPING REQUIREMENTS
-DELPHI CONTACT DELPHI ENGINEERING REGARDING USE OF COMPATIBLE
NON DELPHI TERMINALS
 - 5) ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE
PER DELPHI SPECIFICATIONS MVL #AQA-001 INSTEAD OF ANNUAL LAYOUT
AND ANNUAL PV REQUIREMENTS OF GS-9000 SECTION 2 AND
SAE/USCAR-2 REV-4
 - 6) TEST METHOD: SAE/USCAR-2 REV 4
USCAR-20 REV-2

APPLICABLE COMPONENTS				
SUPPLIER		ITEM DESCRIPTION	PLATING (MATERIAL)	GR1 SIZE
MVL	DELPHI			
54001626	13630404	APEX 150 TERMINAL	TIN	16,18
54002001	13624759	APEX 150 TERMINAL	TIN	20,22
54001628	13795935	APEX 150 TERMINAL	GOLD	16,18
54002003	13851003	APEX 150 TERMINAL	GOLD	20,22
54241629	13755243	APEX 150 UNIVERSAL SEAL PLUG	(PA66GF35)	-
54200010	15504560	DBL X-MASS TRIP CLIP WITH FORWARD STOP FOR CLIP SLOT TYPE-1	(PA66GF35)	-

[illegible]

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Aptiv:](#)

[54241004](#) [54241003](#) [54241004-B](#) [54241010](#) [54241003-B](#) [54241010-B](#)