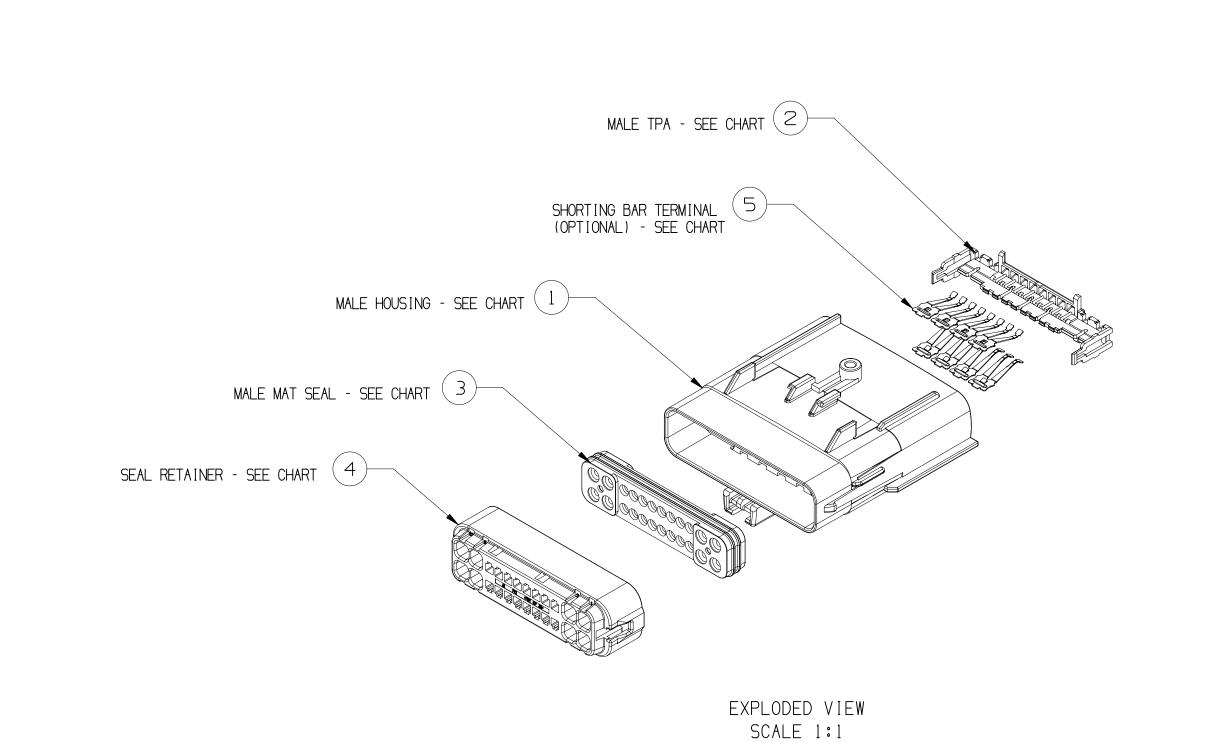


	SEE DETAIL		$\sqrt{}$ $(\emptyset 1.5)$
	SEE DETAIL	G	DETAIL   SCALE 5:1
SECTION C - C 2.8mm SEAL PLUG			(Ø 2.2)
ED 1.5MM & 2.8M	M CAVITIES		DETAIL G SCALE 5:1

## EXEMPLARY VIEWS: RETAINER WITH PLUGGED

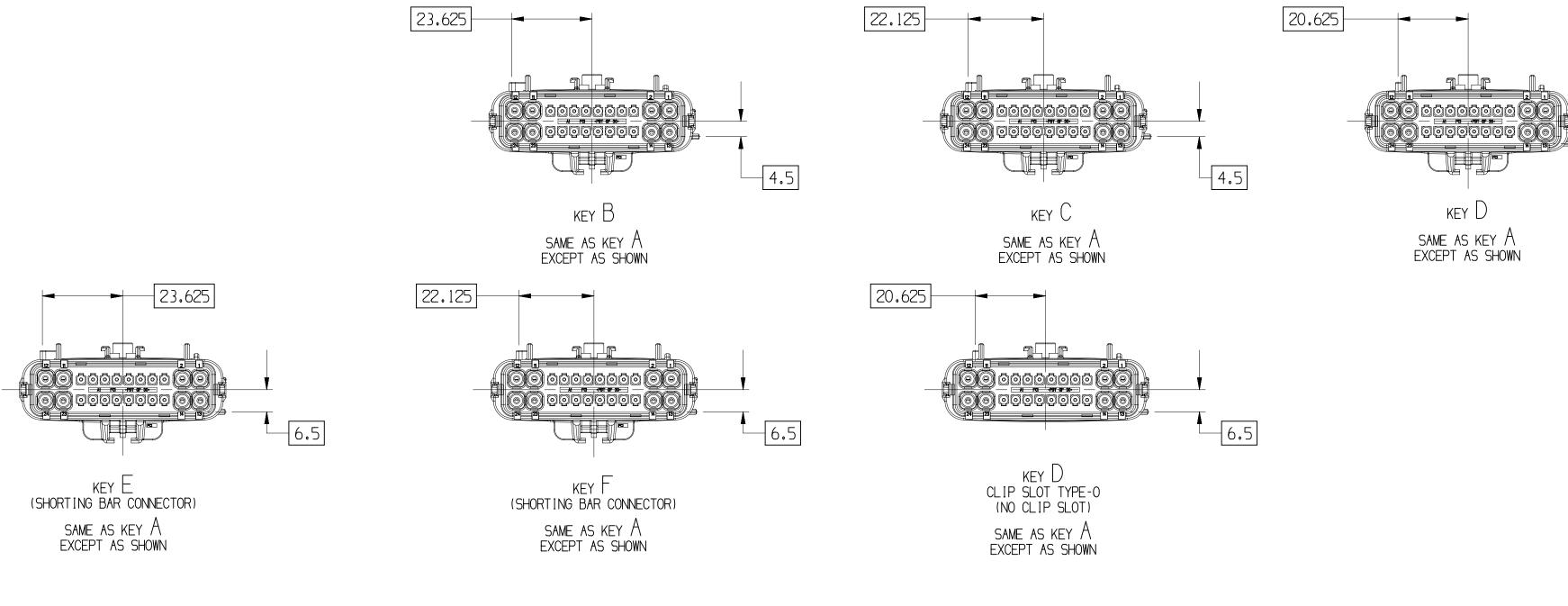


SECTION B-B 1.5mm SEAL PLUG

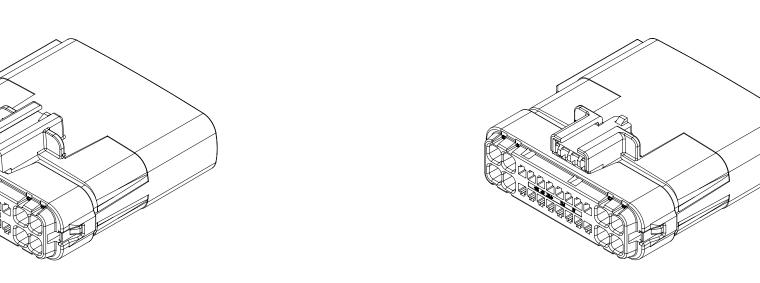
APLICABLE COMPONENTS							
SUPPL I ER		APTIV	DESCRIPTION	PLATING/	GRIF		
PART NO.	NAME	PART NO.	DESCRIPTION	MATERIAL	ŠĪŽĒ		
54001626	MVL	13630404	APEX 150 TERMINAL	TIN	16,18		
54002001	MVL	13624759	APEX 150 TERMINAL	TIN	20,2		
54001628	MVL	13795935	APEX 150 TERMINAL	GOLD	16,18		
54002003	MVL	13851003	APEX 150 TERMINAL	GOLD	20,2		
54001629	MVL	13755243	APEX 150 TERMINAL-FOR SHORTING BAR	GOLD	16,1		
54002004	MVL	33500641	APEX 150 TERMINAL-FOR SHORTING BAR	GOLD	20,2		
54001001	MVL	10762774	APEX 2.8 TERMINAL	TIN	12		
54001401	MVL	10757692	APEX 2.8 TERMINAL	TIN	14,16		
54001801	MVL	10762775	APEX 2.8 TERMINAL	TIN	18		
54240003	MVL	13765188	APEX 150 2.8mm SEAL PLUG - MALE	PA66 GF35			
54241629	MVL	13613164	APEX 150 UNIVERSAL SEAL PLUG	PA66 GF35			
54200010	MVL	13768145	DOUBLE X-MAS TREE CLIP WITH FORWARD STOP	PA66			
15-002775	ITW	15451401	SINGLE X-MAS TREE CLIP	PA66	FOR CL SLOT TYPE		
1437839-1	TYCO	10763674	DOUBLE X-MAS TREE CLIP (UNIVERSAL)	PA66			

COMMON COMPONENTS PART NUMBER CHART ONE EACH INCLUDED IN ASSEMBLY TEM MVL P/N APTIV P/N DESCRIPTION MATERIAL COLOR PPI0001728 33503753 TPA PBT GF30 NATURAL 3 PP10001600 33504676 MATT SEAL SILICONE BRNT ORG

A1×3 2:1 2 OF 2 1 OF 1 R 12



POLARIZATION OPTIONS ACTUAL SIZE VIEWS



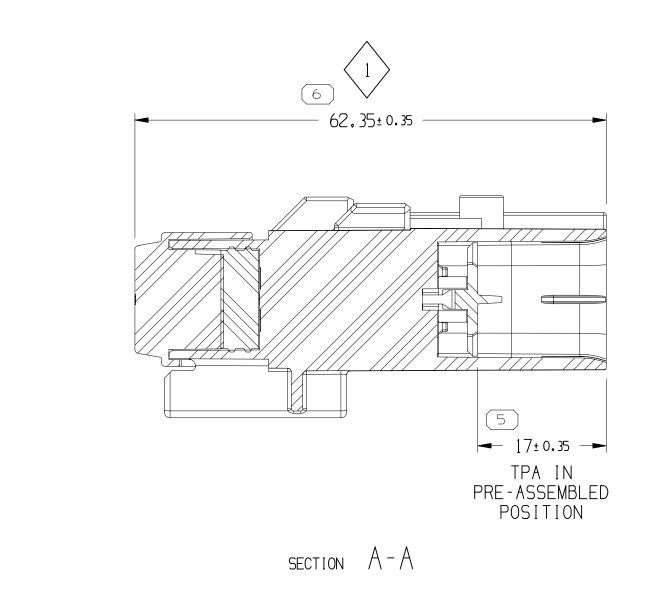


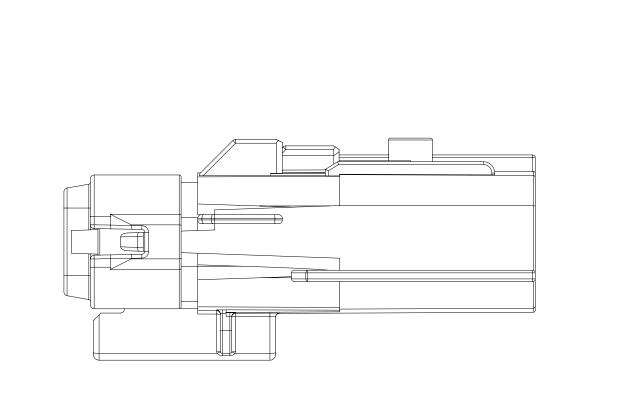
SCALE 1 ° 1

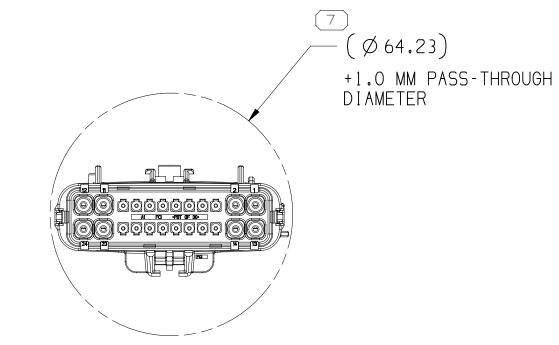


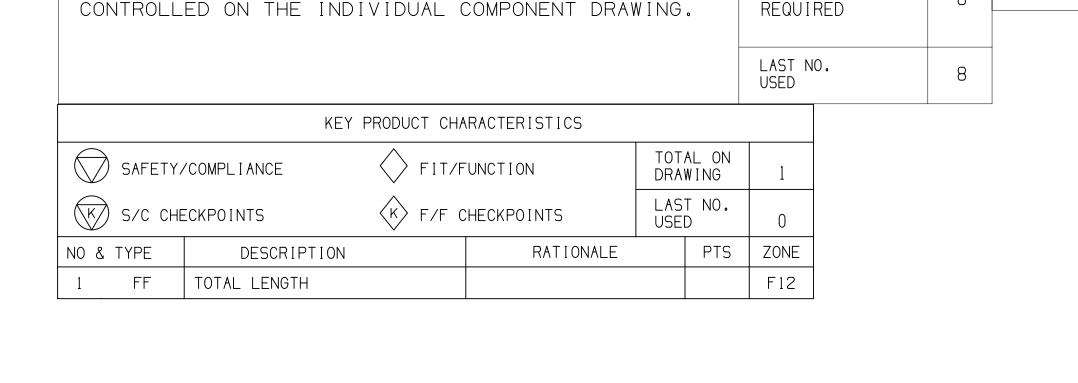
CLIP SLOT TYPE - O (WITHOUT CLIP SLOT)

A1 FCI >PBT GF 30<





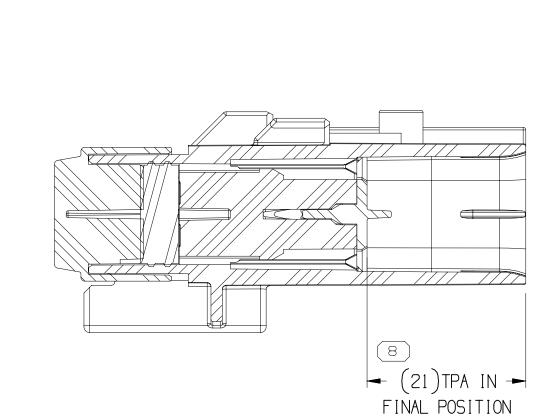




SYMBOL DEFINITION

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ) DOES NOT REQUIRE INSPECTION. IT MAY BE

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	DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2	
ER	100C14	R	02	-	-		FILE TRANSLATED FROM MVL SYSTEM		DGL	DGL	DGL	
_1 \	12DE14	R	03	-	-		33199881-22 - RELEASED	427928	KA	KA	SS	М
	02JN15	R	04	-	-		13672210,33511772,33511774,33511776, 33511778-79,13780225,33511787,33178388, 33511790-91,33400887-93,33157700-03, 33178395-99 & 33199821-22 - ADDED CLIP SLOT VIEW	429744	ORA	JVM	JGR	
	300C15	R	05	-	-		13780225,33511787-89,33400887-93, 33157700-03,33178388,33178395-99, 33199821-22 - REVISED GRAPHICS	431152	AHG	JAA	JFF	
	17JN16	R	06	-	-		33364320 - RELEASED	433373	GLG	GLG	LMV	
	21MR17	R	07	-	-		35063676 & 77 - RELEASED	436105	NRM	NRM	LMV	
	28N017	R	08	-	-		35076688 - RELEASED	436252	AHY	AHY	MJ	L
	14FE18	R	09	-	-		ALL PARTS - ADDED KPC CHART & REMOVED "SPC DATA" NOTE AND UPDATED WIRE SIZE IN ALTERNATIVE APEX 2.80 TERMINAL 3.40 MAX OD INSTEAD OF 3.20 MAX OD	439012	LXA	JVM	ERG	
	06JL18	R	10	-	-		35063676-77 - UPDATED PART AVAILABILITY	440 344	CGD	CGD	LMV	
	19N019	R	11	=	-		35348107 & 35347510 - RELEASED	550537	AHY	AHY	DS	
	08JA20	R	12	-	-		35348107 & 35347510 - UPDATED PART	550776	LGD	CGD	DSP	



SECTION D-D

NOTES
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

- 2. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EANP\_4-3\_CS\_O1\_EN. 3. MAXIMUM TEMPERATURE CLASS:
- 4. CONFORMS TO TEST METHOD AS SHOWN IN CHART.
- 5. CONNECTOR MAY BE USED WITH THE FOLLOWING RANGE OF WIRE SIZES AND/TYPES:
  -APEX 150 TERMINALS:
  -SIZE: 22 GAGE- 16 GAGE- 1.50mm MIN O.D. TO 2.41mm MAX O.D.
  -TYPE: TXL (M1L123-A / MS-8288)
- -SIZE; 18 GAGE- 12 GAGE- 1.90mm MIN O.D. TO 3.35mm MAX O.D. -TYPE: TXL (M1L123-A / MS-8288)
- -SIZE: 0.75mm² TO 3.0mm² / 1.70mm MIN 0.D. TO 3.40mm MAX 0.D. -TYPE: FLR2X (125° C PE-X) or FLRYW (125° C PVC) (STRUCTURE & PROPERTIES ACC. ISO6722) -CONTACT MVL ENGINEERING REGARDING USE OF OTHER WIRE SIZES AND/OR TYPES.
- 6. CONNECTOR MAY BE USED WITH THE FOLLOWING TERMINALS: -MVL APEX 150 AND APEX 2.8 WITH WIRE SIZES DEFINED IN NOTE 5. SEE MVL DRAWINGS J54011 AND C15005 FOR SPECIFIC PART NUMBERS AND CRIMPING REQUIREMENTS.
- NON MVL TERMINALS. . ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2 REV 4. FOR TERMINAL TO
- 8. FEMALE CONNECTORS EQUIPPED WITH OPTIONAL CLIP SLOT CAN ONLY BE MATED TO MALE CONNECTORS WITHOUT CLIP SLOT FEATURE, KEY OPTION J IS RESERVED FOR FEMALE CONNECTORS WITH CLIP SLOT FEATURES AND THEIR MALE COUNTERPARTS. -CONTACT MVL ENGINEERING FOR SPECIFIC PACKAGING REQUIREMENTS WHEN USING THESE CONFIGURATIONS.
- 9. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

A 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.	CONNECTION SYSTEMS  WARREN, OH  COPYRIGHT 2006 APTIV. ALL RIGHTS R	
CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.  DWG TYPE	THIS DRAWING IS THE PROPERTY OF APTIV AND CONFIDENTIAL INFORMATION. THE REPRODUCTION, UTILIZATION OF THIS DOCUMENT OR ITS RELATED CA	CONTAINS AP
PART DRAWING STYLE	AS COMMUNICATION OF ANY CONTENT TO OTHERS, AUTHORIZATION, IS PROHIBITED	
VOLUME (CM³)  DISTR CODE	DR APVD1 FRANK HOLUB	2500
	APVD2 SUCHA SIAN APVD3 OLAF HOERNLEIN	01JL 02JL
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FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.	MATERIAL CEE CHAPT	701

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			DATE				
		DR					
		APVDI FRANK HOLUB	250006				
		apvd2 SUCHA SIAN	01JL14				
		APVD3 OLAF HOERNLEIN	02JL14				
	1	APVD4 JEFF CAMPBELL	02JL14				
5M-1994		APVD5					
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		MATERIAL SEE CHART					
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TAXI ASM CONN 24 M 1.5 2.8 APEX SLD PROJECTION SCALE

PASS-THROUGH SCALE 1:1

-CONTACT MVL ENGINEERING REGARDING USE OF COMPATIBLE CONNECTOR AND TPA TO CONNECTOR ONLY.

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**Authorized Distributor** 

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