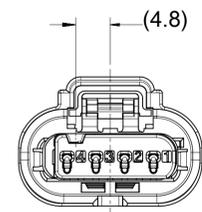
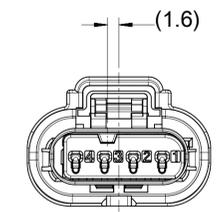


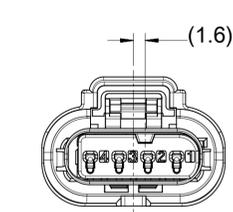
ASSEMBLY PART NO.	TPA PART NO.	CONNECTOR HOUSING NO.	TERMINAL HOUSING		KEYING OPTION	NUMBER OF PLUGGED POSITIONS	CAVITY STATUS (X = PLUGGED)				TOOLED
			PART NUMBER	COLOR			1	2	3	4	
34511-1001	34514-0001	34512-0003	34513-0001	BLACK	A	0					X
34511-1002	34514-0002	34512-0003	34513-0002	LIGHT GRAY	B	0					
34511-1003	34514-0003	34512-0003	34513-0003	BROWN	C	0					
34511-1004	34514-0004	34512-0003	34513-0004	DARK GRAY	D	0					



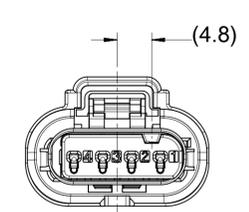
KEYING OPTION A



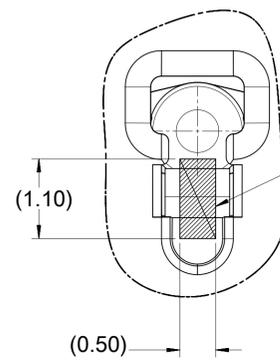
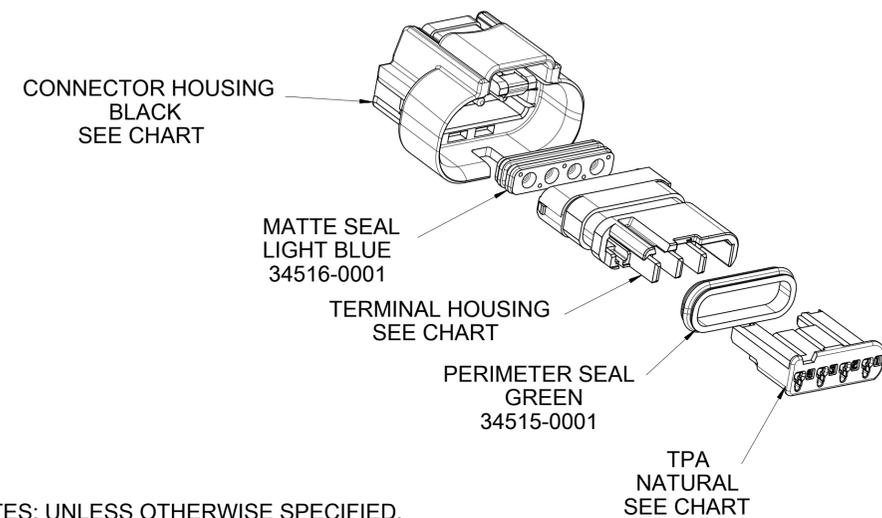
KEYING OPTION B



KEYING OPTION C

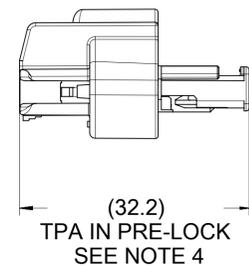


KEYING OPTION D

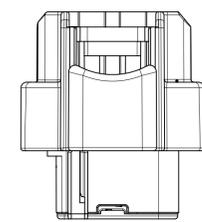


DETAIL Z SCALE 20:1

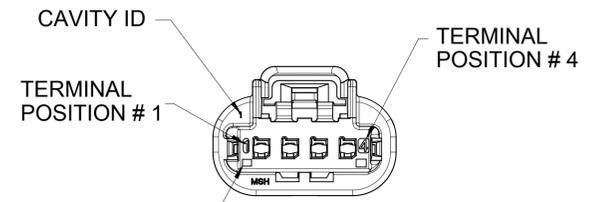
SEE NOTE 6



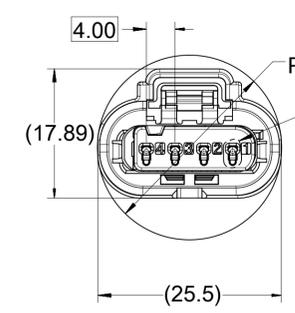
TPA IN PRE-LOCK SEE NOTE 4



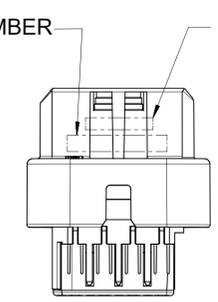
TPA IN FINAL LOCK SEE NOTE 4



REAR VIEW (WIRE HARNESS SIDE)



(Ø27.50MIN PASS-THRU)
SEE DETAIL Z



TRACEABILITY MARKINGS

NOTES: UNLESS OTHERWISE SPECIFIED.

- MATERIAL
PLASTIC: GLASS FILLED SPS RESIN
SEALS: SILICONE
- FOR RECEPTACLE TERMINAL TO BE USED WITH THIS ASSEMBLY SEE MOLEX DRAWING SD-33468-001. TERMINAL BOX AND CRIMP SHOULD BE PARALLEL TO EACH OTHER WITHIN ONE DEGREE (1°) TO PREVENT TERMINAL STUBBING.
- DESIGNED TO MATE WITH HIRSCHMANN DRAWING 872-975-XXX VARIANTE 1 WITH FORM 1 BLADES ON DRAWING 1 99 51 50733 1.
- ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION. EACH TPA MUST BE SNAPPED INTO FINAL LOCK POSITION UPON FULL TERMINAL ASSEMBLY.
- SYSTEM TO BE USED WITH SAE 18 AWG, 20 AWG AND 22 AWG WIRES WITH DIAMETERS IN THE RANGE OF 1.5 MM TO 2.13 MM.
- TO PREVENT TERMINAL BEAM DAMAGE, USE RECTANGULAR FLAT TIPPED PROBES FOR TERMINAL PROBING.
- TPA FORCES
A. ENGAGEMENT FORCE - WITH TERMINALS (PRE-LOCK TO FINAL-LOCK): 70 N MAX
B. DISENGAGEMENT FORCE - WITH TERMINALS (FINAL-LOCK TO PRE-LOCK): 15N MIN
- FOR RECYCLING INFORMATION CONTACT MOLEX.
- SHALL CONFORM TO THE FOLLOWING PACKAGING SPECIFICATION NUMBER: PK-31300-163
- FINISHED ASSEMBLIES TO BE MARKED WITH DATE CODE AND PART NUMBER.
- TPA'S MAY BECOME SEATED DURING TRANSIT. IF THIS OCCURS, TPA'S SHOULD BE MOVED TO THE PRE-LOCKED POSITION PRIOR TO FEMALE TERMINAL INSTALLATION.
- FORCE TO BE APPLIED TO SECONDARY LOCK FOR CAVITY DAMAGE SUSCEPTIBILITY TESTING (USCAR 5.4.9) TO BE 60 N.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NO							
mm		2:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625872							
ANGULAR TOL ± °				DRWN: AKUMAR19				2019/06/12			
4 PLACES ±				CHK'D: GB				2019/11/06			
3 PLACES ±				APPR: GGA				2019/11/12			
2 PLACES ±				INITIAL REVISION:							
1 PLACE ±				DRWN: BFLOWERS				2004/04/12			
0 PLACES ±				APPR: SMARCEAU				2004/04/13			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				D-SIZE		34511		SEE TABLE		CUSTOMER	
								GENERAL MARKET		SHEET NUMBER	
										1 OF 1	

molex

CONNECTOR ASSEMBLY
4 CKT 1.2 MM SEALED

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34511-001	PSD	001	L1