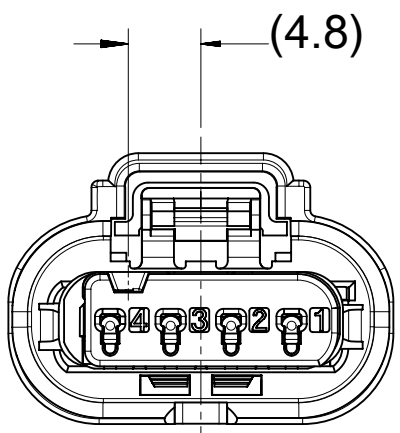
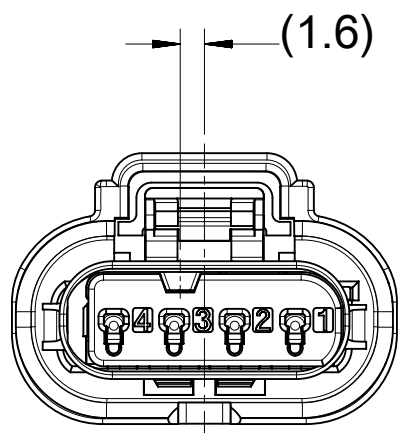


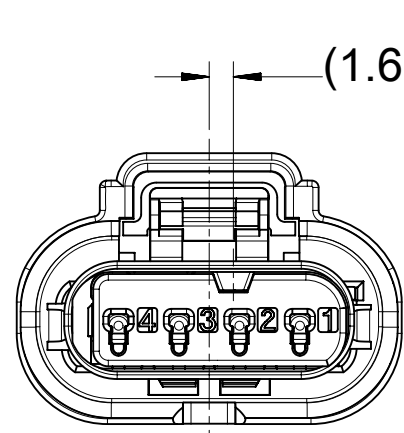
ASSEMBLY PART NO.	TPA PART NO.	CONNECTOR HOUSING NO.	TERMINAL HOUSING		KEYING OPTION	NUMBER OF PLUGGED POSITIONS	CAVITY STATUS (X = PLUGGED)				TOOLED
			PART NUMBER	COLOR			1	2	3	4	
34511-1001	34514-0001	34512-0003	34513-0001	BLACK	A	0					X
34511-1002	34514-0002	34512-0003	34513-0002	LIGHT GRAY	B	0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



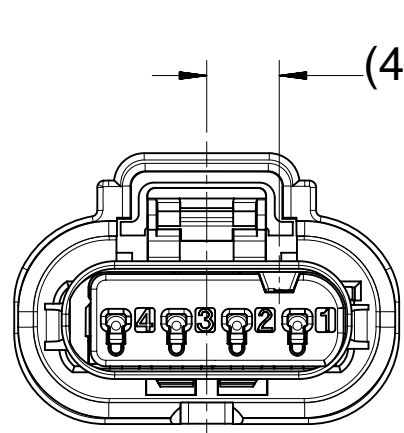
KEYING OPTION A



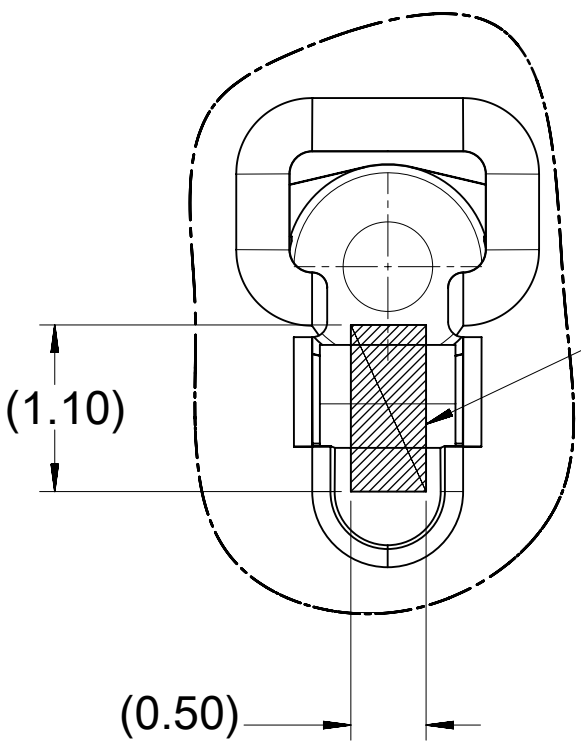
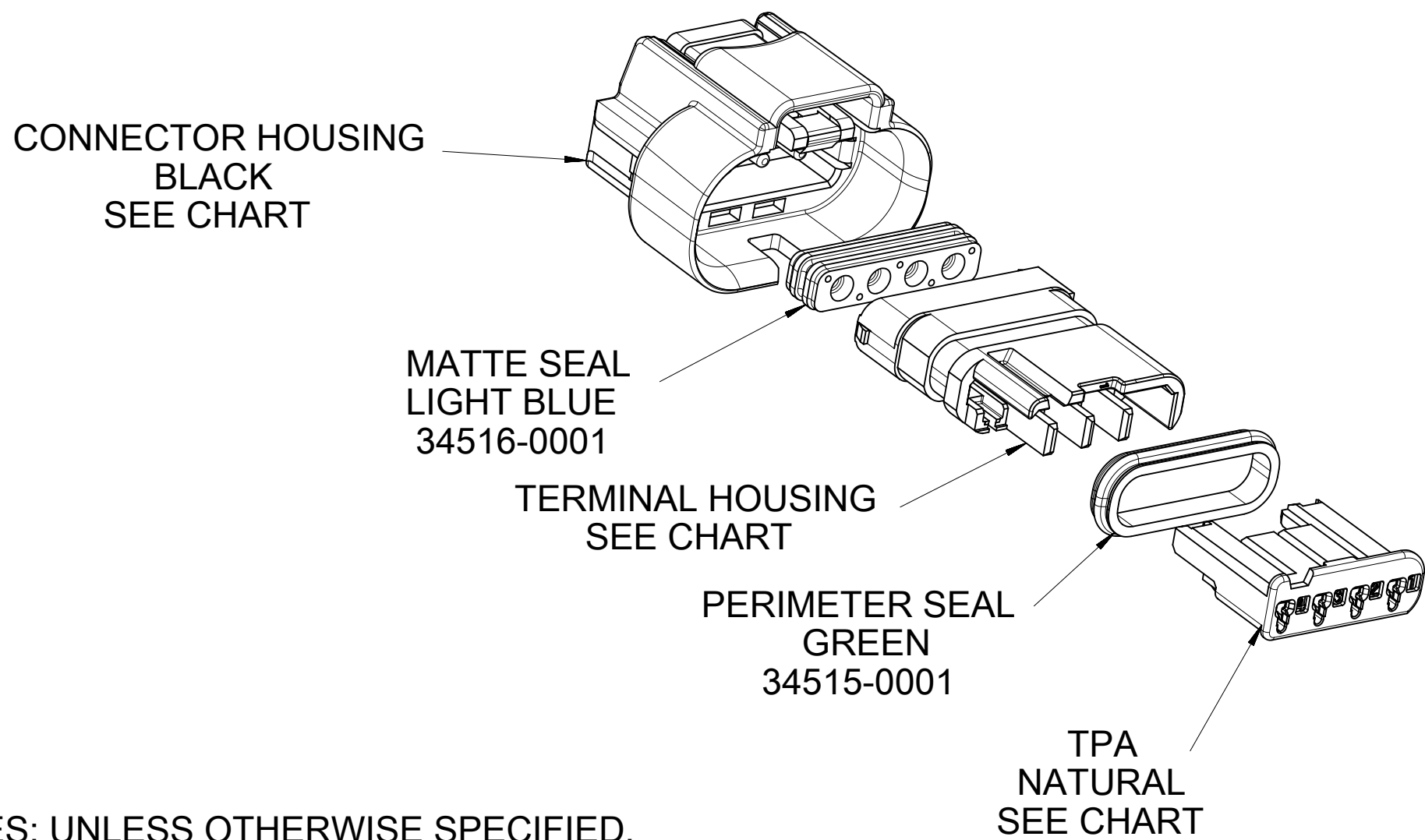
KEYING OPTION B



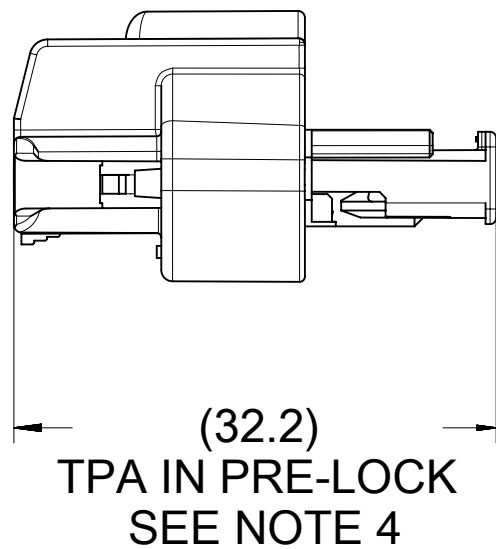
KEYING OPTION C



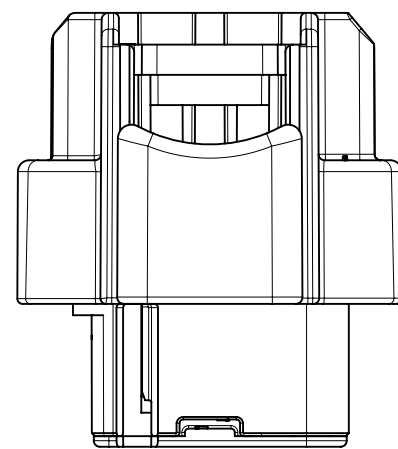
KEYING OPTION D



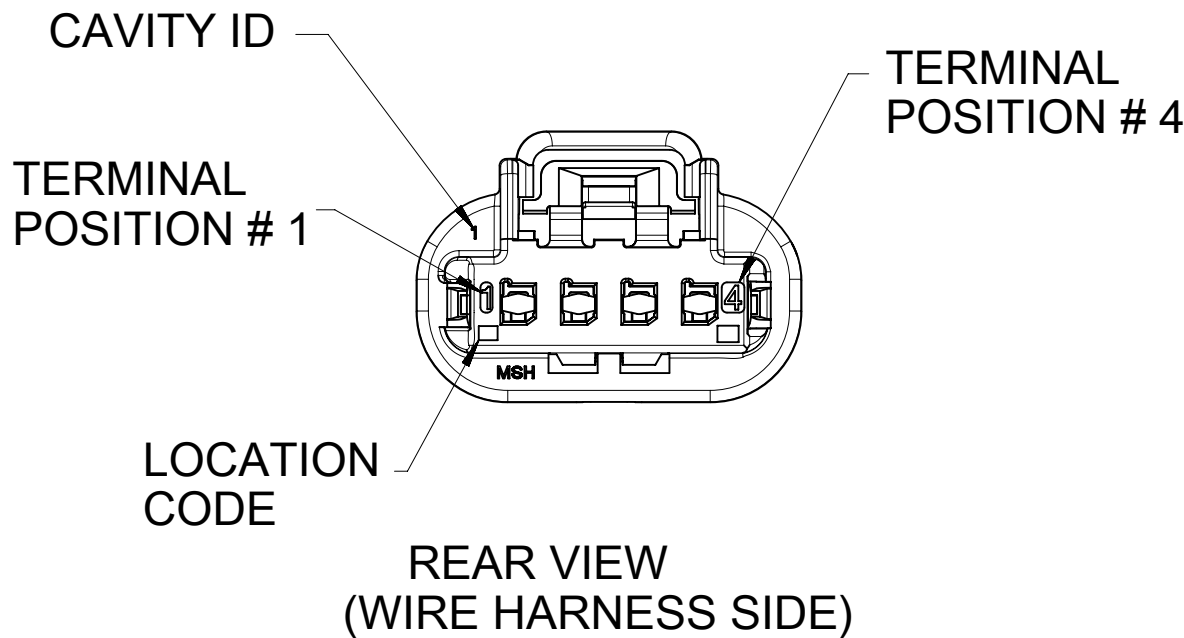
DETAIL Z
SCALE 20:1



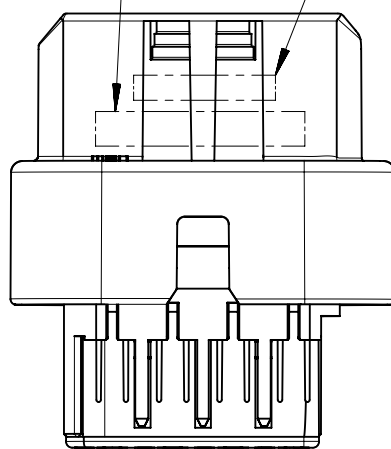
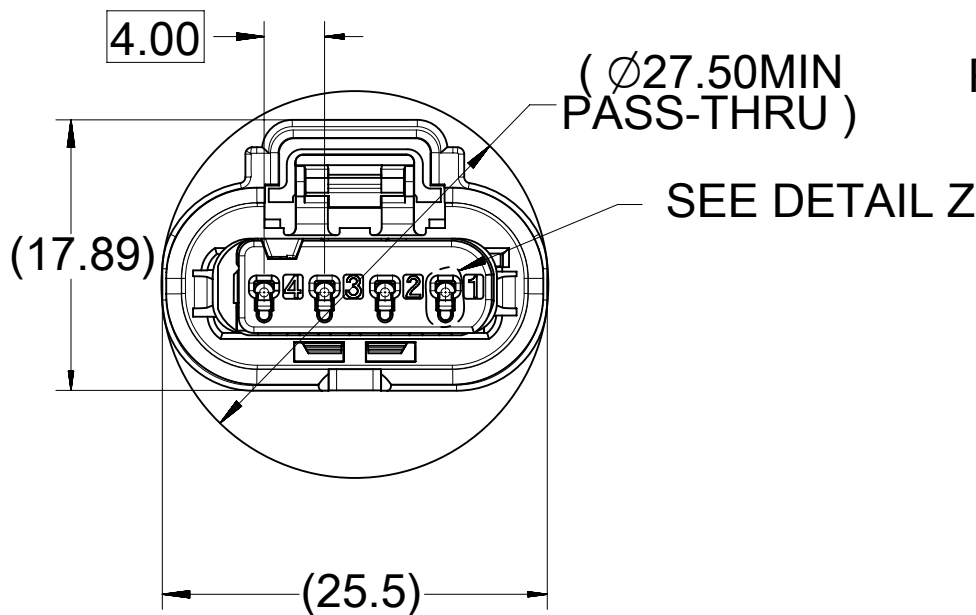
TPA IN PRE-LOCK
SEE NOTE 4



TPA IN FINAL LOCK
SEE NOTE 4



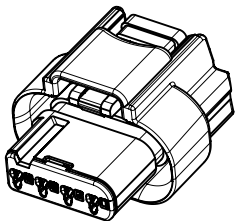
REAR VIEW
(WIRE HARNESS SIDE)



TRACEABILITY MARKINGS

NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL
PLASTIC: GLASS FILLED SPS RESIN
SEALS: SILICONE
2. 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.
3. DESIGNED TO MATE WITH HIRSCHMANN DRAWING 872-975-XXX
VARIANTE 1 WITH FORM 1 BLADES ON DRAWING 1 99 51 50733 1.
4. ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION.
EACH TPA MUST BE SNAPPED INTO FINAL LOCK
POSITION UPON FULL TERMINAL ASSEMBLY.
5. 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.
6. TO PREVENT TERMINAL BEAM DAMAGE, USE RECTANGULAR
FLAT TIPPED PROBES FOR TERMINAL PROBING.
7. 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
8. FOR RECYCLING INFORMATION CONTACT MOLEX.
9. SHALL CONFORM TO THE FOLLOWING PACKAGING SPECIFICATION NUMBER: PK-31300-163
10. FINISHED ASSEMBLIES TO BE MARKED WITH DATE CODE AND PART NUMBER.
11. 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.
12. 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				molex							
mm		2:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 625872 DRWN: AKUMAR19 2019/06/12 CHK'D: GB 2019/11/06 APPR: GGA 2019/11/12							
ANGULAR TOL ± °															
4 PLACES		±		INITIAL REVISION: DRWN: BFLOWERS 2004/04/12 APPR: SMARCEAU 2004/04/13				DOCUMENT NUMBER SD-34511-001		DOC TYPE PSD	DOC PART 001	REVISION L1			
3 PLACES		±													
2 PLACES		±													
1 PLACE		±		PRODUCT CUSTOMER DRAWING											
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 34511		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2019/11/12	07:17:57
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