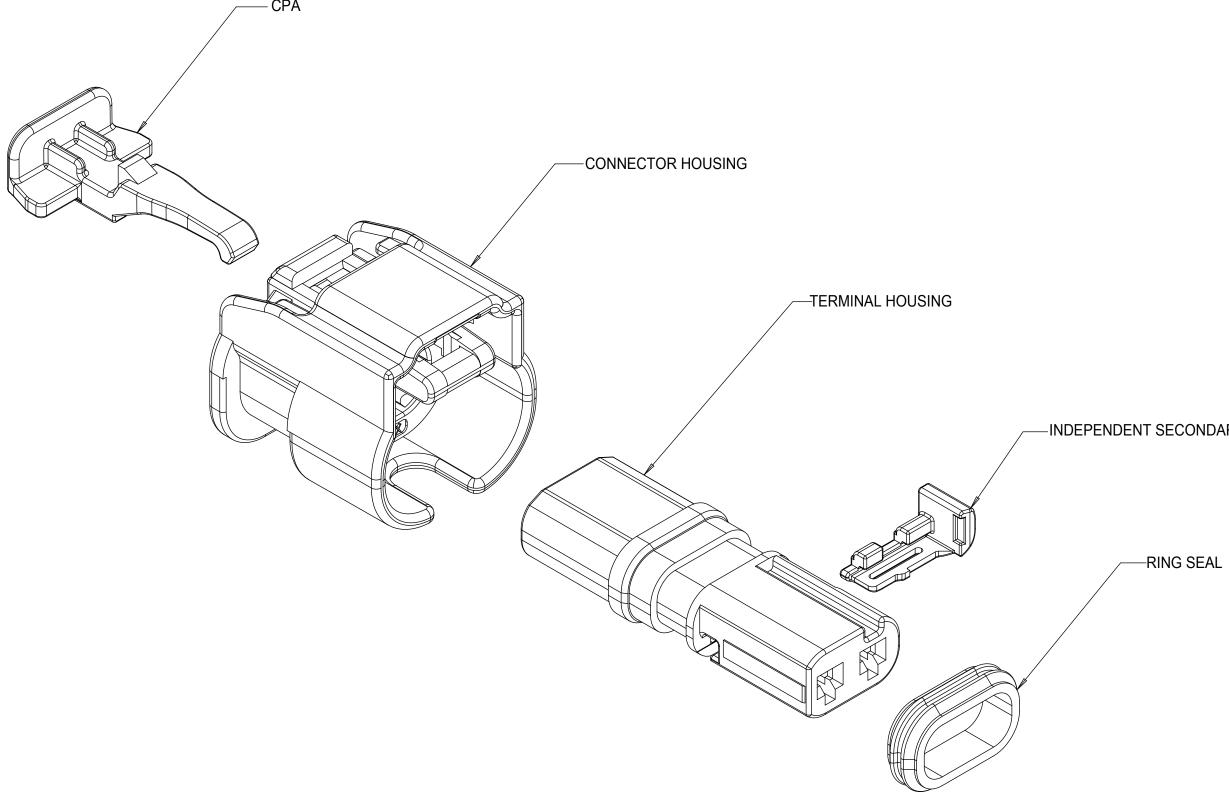
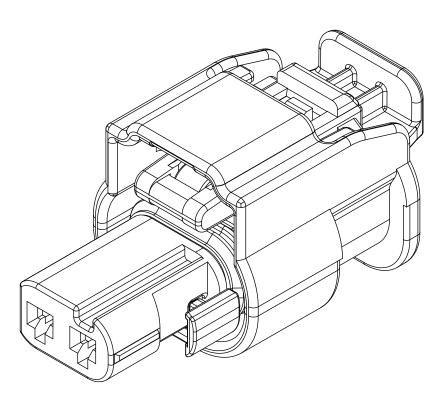
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	2	1x2 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS											
	3	3 1x3 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS											
	4		RECEPTA	CLE SEALED ASSEM	IBLY								
	5		1x2 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1										
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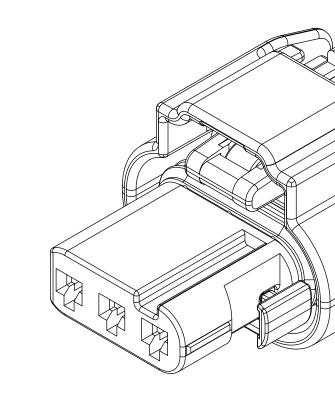


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1x2 RECEPTACLE SEALED ASSEMBLY



1x3 RECEPTACLE SEALED ASSEMBLY

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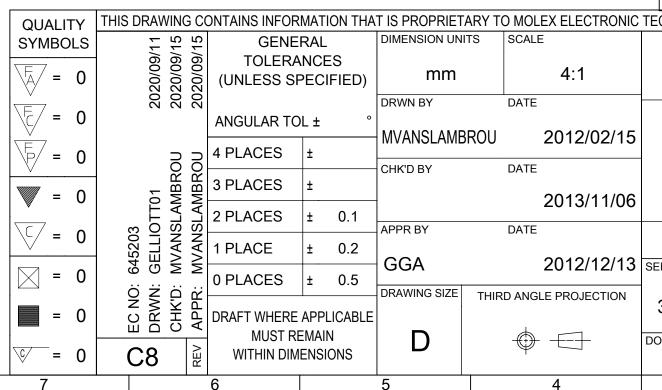
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NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: AS-34900-0001
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
- b. PRODUCT SPECIFICATION SEE: PS-34900-0001
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-898
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016 e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS
- (COMPANY ID#13255) f. DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN BOM CHART
- USCAR DRAWINGS AND MODELS ARE AVAILIBLE AT http://ewcap.uscarteams.org/.
- 2. DESIGN MATERIALS:
- a. SEE BOM TABLE
- 3. DESIGN GEOMETRY:
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M 1994
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B) g. LASER MARKING:
- 1. PART NUMBER
- 2. DAY OF THE YEAR
- 3. SHIFT
- 4. YEAR





	C8	UPDATED INTERFACE MODEL REFERENCES	 H
	C7	RETURNED CPA3 TO CPA2	
	C6	CHANGED 1X2 KEY E STATUS	
	C5	CHANGED CPA2 TO CPA3	
	C4	ADDED WIRE DRESS COVERS	
	C3	ADDED CPA2 PNs	G
	C2	UPDATED STATUS OF PNS	
	C1	- NX-REMASTERING FROM MODEL MANAGER - 1X2 KEY C MADE SALEABLE	
	С	34900-3127 RELEASED AS SALEABLE	
	В	PRIMARY KEYS (A,B) MOVED TO SALEABLE	F
	A10	ADDED 1X3 SEVERE VIBRATION PART NUMBER	
	A9	1X2 AND 1X3 PART # UPDATED DIMENSION 2 UPDATED	
	A8	1X2 PART # UPDATED TO "TOOLED BUT NOT VALIDATED"	
	A7	1X2 PART # UPDATED TO "TOOLED BUT NOT VALIDATED"	E
	A6	ADDED NEW PART NUMBERS FOR LATCH IMPROVEMENT	
	A5	BOM CORRECTIONS AND UPDATES	
	A4	BOM CORRECTIONS AND UPDATES	
	A3	1x2, 1x3 NON-SIR OK TO TOOL	D
	A2	MINOR BOM CORRECTIONS	
	A1	ADDED COMPONENTS TO BOM	
	А	ADDED BLACK PART NUMBERS AND MINOR BOM UPDATES	
	3	ADDED 1x3	
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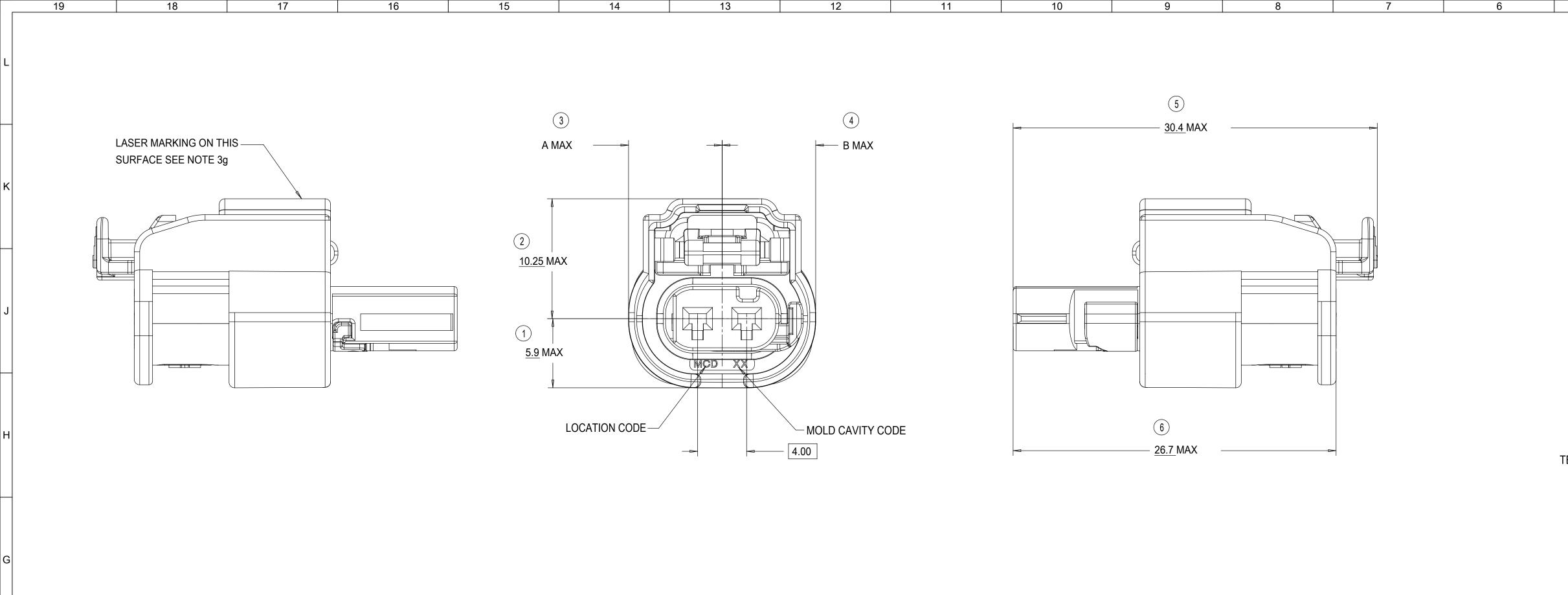
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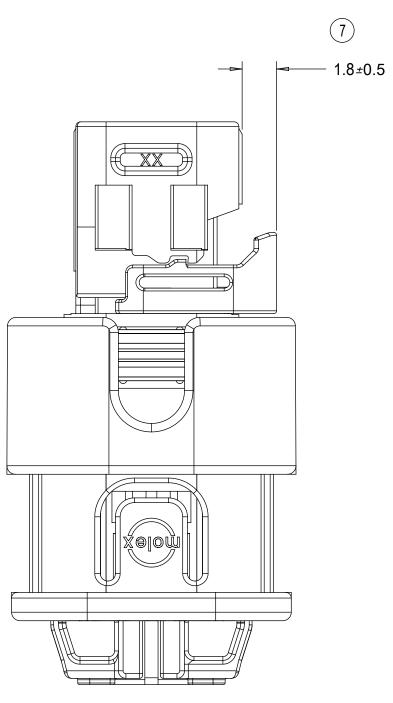
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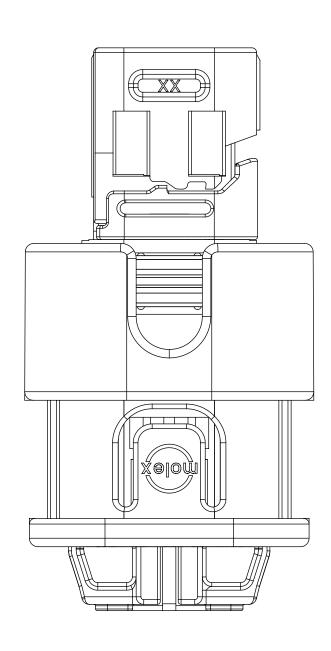


INDEPENDENT SECONDARY LOCK (ISL) SHOWN IN THE PRE-STAGED POSITION

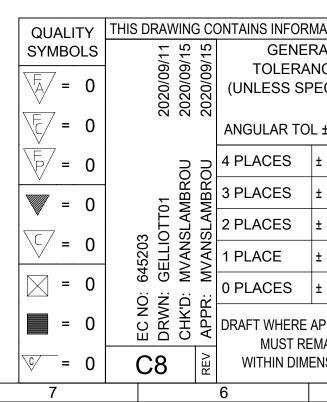
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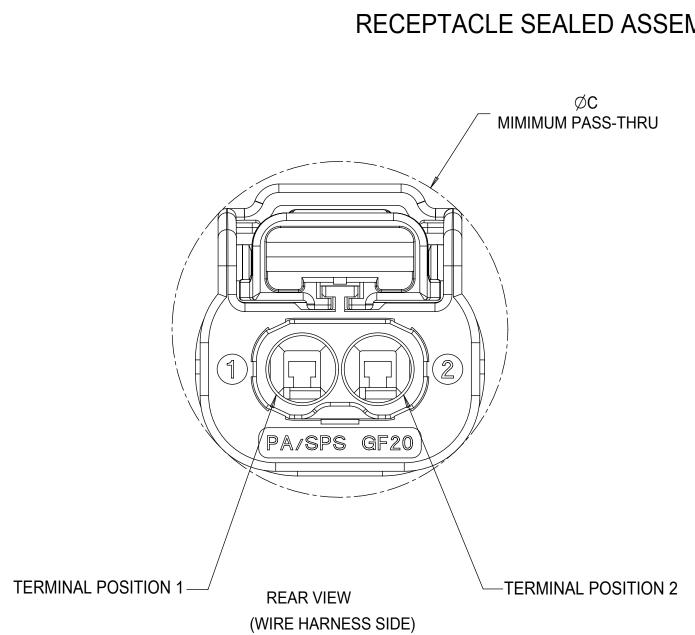
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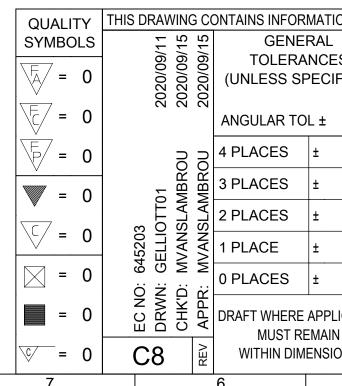
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СНВ	CONNECTOR HOUSING BLACK									
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В	TERMINAL HOUSING KEY B									
С	TERMINAL HOUSING KEY C									
E	TERMINAL HOUSING KEY E									
CPA1	CPA VERSION 1									
CPA2	CPA VERSION 2									
ISL	ISL									
R	RING SEAL									
1	USCAR INTERFACE 120-S-002-1-Z01 SEE NOTE 1f FOR WEBSITE									
2	MOLEX INLINE BLADE CONNECTOR E-34899-2001									
3	USCAR INTERFACE 120-S-002-1-Z02 SEE NOTE 1f FOR WEBSITE									

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±		CHK'D BY	DATE		_		-	_	-		ERMINAL H	,
		-		2013/11/06								_
±	0.1	APPR BY	DATE									
±	0.2					PRODU	CT CUS	TOMEF	R DR	AW	/ING	
±	0.5	GGA		2012/12/13	SERIES	MATERIAL NUME	BER		CUSTO	DMEF	2	
-	0.0	DRAWING SIZE	THIRD ANG	LE PROJECTION	24000	0000		\mathbf{a}				
APPL	ICABLE				34900	9998	999999	99			ERAL MARKET	
MAIN		D	-		DOCUMENT N	IUMBER		DOC TYPE	DOC P	ART	SHEET NUMBER	
ENSI	JNS		T		SE)-34900-2001		PSD	00	1	5 OF 7	
		5		4		3	2				1	

RECEPTACLE SEALED EMBLY BOM SHEET 1

KEYING OPTION D, STONE	GRAY 34900-3223	-40 TO 125	2	SHORT		СНВ	ח	(PA2	TOOLED BUT NOT VALIDATED		1 2	2	1\		
KEYING OPTION C, DARK G			2	SHORT		СНВ			TOOLED BUT NOT VALIDATED		1 2	3		K3 RECEPTACLE SE	
KEYING OPTION B, LIGHT G			2	SHORT		CHB B			TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION A, BLACK	34900-3220		2	SHORT		CHB A			TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION D, YELLOV			2	SHORT	CHY		D		TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION C, YELLOV			2	SHORT	CHY		C		TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION B, YELLOV	V 34900-3202	-40 TO 125	2	SHORT	CHY	В		CPA2	TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION A, YELLOV	V 34900-3201	-40 TO 125	2	SHORT	CHY	A		CPA2	TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION D, STONE	GRAY 34900-3127	-40 TO 125	CONTACT MOLEX FOR INFO	SHORT		СНВ	D	CPA1	SALEABLE	RESTRICTED	1 2	3			
KEYING OPTION A, BLACK	34900-3124	-40 TO 125	CONTACT MOLEX FOR INFO	SHORT		СНВ	A	CPA1	SALEABLE	RESTRICTED	1 2	3			
KEYING OPTION D, STONE	GRAY 34900-3123	-40 TO 125	2	SHORT		СНВ	D	CPA1	TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION C, DARK G	RAY 34900-3122	-40 TO 125	2	SHORT		СНВ	C	CPA1	TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION B, LIGHT G	RAY 34900-3121		2	SHORT		CHB B		CPA1	SALEABLE		1 2	3			
KEYING OPTION A, BLACK	34900-3120		2	SHORT		CHB A		CPA1	SALEABLE		1 2	3			
KEYING OPTION D, YELLOV			2	SHORT	CHY		D	CPA1	TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION C, YELLOV			2	SHORT	CHY			CPA1	TOOLED BUT NOT VALIDATED		1 2	3			
KEYING OPTION B, YELLOV KEYING OPTION A, YELLOV			2	SHORT SHORT	CHY CHY	Β		CPA1 CPA1	SALEABLE SALEABLE		1 2	3			
ASSEMBLY DESCRIPTION	PART NUMBER	OPERATING		OUTER HOUSING SHROUD LENGTH		A B	C D A D			COMMENTS	DESIGNED TO M				
											RING SEAL		LIGHT BLUE	INHERENTLY LUBRICATE SILICONE SPS/NYLON GF20	:D
											ISL		NATURAL	SILICONE SPS/NYLON GF20	D
											ISL CPA2		NATURAL RED	SILICONE SPS/NYLON GF20 PBT GF30	:D
											ISL CPA2 CPA1		NATURAL RED RED	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30	
										TERMINAL HOU	ISL CPA2	N D, Alt.	NATURAL RED	SILICONE SPS/NYLON GF20 PBT GF30	
											ISL CPA2 CPA1		NATURAL RED RED	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30	RE
										TERMINAL HOU	ISL CPA2 CPA1 USING KEYING OPTIO	N A, Alt.	NATURAL RED RED STONE GRAY	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30 SPS/NYLON GF20	RE
										TERMINAL HOU	ISL CPA2 CPA1 USING KEYING OPTIO USING KEYING OPTIO	N A, Alt.	NATURAL RED RED STONE GRAY BLACK	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30 SPS/NYLON GF20 SPS/NYLON GF20	RE
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LEGEI	ND TABLE									TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU CON CON	ISL CPA2 CPA1 USING KEYING OPTIO USING KEYING OPTIO OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT INECTOR HOUSING INECTOR HOUSING	N A, Alt. ON D ON C ION B	NATURAL RED RED STONE GRAY BLACK STONE GRAY DARK GRAY LT. GRAY BLACK BLACK YELLOW	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20	RE RE RE UPD
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ABREVIATION	COMPONE									TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU CON CON CON	ISL CPA2 CPA1 USING KEYING OPTIO USING KEYING OPTIO OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT INECTOR HOUSING INECTOR HOUSING	N A, Alt. ON D ON C ION B ION A	NATURAL RED RED STONE GRAY BLACK STONE GRAY DARK GRAY LT. GRAY BLACK BLACK YELLOW	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20	RE RE RE UPD
ABREVIATION	COMPONE CONNECTOR HOUS	ING YELLOW								TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU CON CON CON WIRE DR	ISL CPA2 CPA1 USING KEYING OPTIO USING KEYING OPTIO OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT INECTOR HOUSING INECTOR HOUSING INECTOR HOUSING	N A, Alt. ON D ON C ION B ION A	NATURAL RED RED STONE GRAY BLACK STONE GRAY DARK GRAY DARK GRAY BLACK BLACK BLACK BLACK	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20 SPS/NYLON GF20	
ABREVIATION	COMPONE CONNECTOR HOUS CONNECTOR HOU	SING YELLOW								TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU CON CON CON CON WIRE DR WIRE DR	ISL CPA2 CPA1 USING KEYING OPTIO USING KEYING OPTIO OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT INECTOR HOUSING INECTOR HOUSING INECTOR HOUSING	N A, Alt. ON D ON C ION B ION A	NATURAL RED RED STONE GRAY BLACK STONE GRAY DARK GRAY DARK GRAY DARK GRAY BLACK BLACK BLACK BLACK	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30 SPS/NYLON GF20 SPS/NYLON GF20	RE RE RE UPD/
ABREVIATION	COMPONE CONNECTOR HOUS	SING YELLOW								TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU TERMINAL HOU CON CON CON CON WIRE DR WIRE DR WIRE D	ISL CPA2 CPA1 USING KEYING OPTIO USING KEYING OPTIO OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT OUSING KEYING OPT INECTOR HOUSING INECTOR HOUSING INECTOR HOUSING INECTOR HOUSING INECTOR HOUSING	N A, Alt. ON D ON C ION B ION A	NATURAL RED RED STONE GRAY BLACK STONE GRAY DARK GRAY DARK GRAY LT. GRAY BLACK BLACK BLACK BLACK BLACK	SILICONE SPS/NYLON GF20 PBT GF30 PBT GF30 SPS/NYLON GF20 SPS/NYLON GF20	

LEC	LEGEND TABLE								
ABREVIATION	COMPONENT								
СНҮ	CONNECTOR HOUSING YELLOW								
СНВ	CONNECTOR HOUSING BLACK								
A	TERMINAL HOUSING KEY A								
В	TERMINAL HOUSING KEY B								
С	TERMINAL HOUSING KEY C								
D	TERMINAL HOUSING KEY D								
CPA1	CPA VERSION 1								
CPA2	CPA VERSION 2								
ISL	ISL								
R	RING SEAL								
1	USCAR INTERFACE 120-S-003-1-Z01 SEE NOTE 1f FOR WEBSITE								
2	MOLEX INLINE BLADE CONNECTOR E-34899-2001								
3	USCAR INTERFACE 120-S-003-1-Z02 SEE NOTE 1f FOR WEBSITE								

RELEASE STATUS	P1	RELEASE DA	TE	2020/09/15	14:(05:25	
ORMAT: master-tb-prod-D EVISION: G MT: ant/maine 19		18		17			

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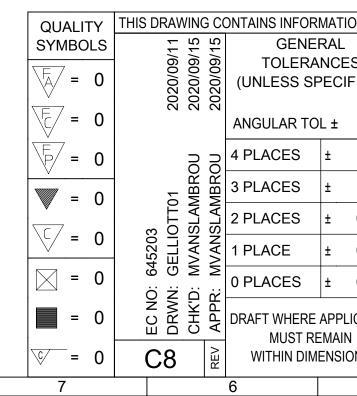
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MATION THA	T IS PROPRIET	ARY TO MOLEX ELECTRONIC	TECHNOLOG	IES, LLC AND SI	HOULD NOT	BE USED V	VITHOUT	F WRITTEN PERMISSIO	N
RAL	DIMENSION UNI	TS SCALE							
NCES PECIFIED)	mm	5:1		ſ	nc) X	8	
	DRWN BY	DATE							B
L±°	MVANSLAMB	ROU 2012/02/15		1 21	MM 1X2,	1X3 R	=CPT		
±					,			1905: ADDED	
	CHK'D BY	DATE	_		-	_	-		
±		2013/11/06	CPA2	2 PNS, RE-	ADDED	PNS US	SING	TERMINAL H	
± 0.1		2013/11/00							
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± 0.5	GGA	2012/12/13	SERIES	MATERIAL NUME	BER		CUSTOM	IER	
I 0.5	DRAWING SIZE	THIRD ANGLE PROJECTION	-			~~			A
APPLICABLE			34900	9999	99999	99	GE	NERAL MARKET	
MAIN			DOCUMENT N			DOC TYPE		RT SHEET NUMBER	_
ENSIONS		Ψ)-34900-20()1	PSD	001	6 OF 7	
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Y BOM SHEET 1

DOCUMENT ST	ATUS	P1 F	RELEASE DATE	2020/09/15	14:05:25								
MAT: master-tb-tool-D 19	1	8	17	16	1	5	14	13	12	11	10	9	

1X2

34900-2023	OBSOLETE
34900-2022	OBSOLETE
34900-2021	OBSOLETE
34900-2020	OBSOLETE
34900-2004	OBSOLETE
34900-2003	OBSOLETE
ASSEMBLY PART NUMBERS	STATUS

34900-3023	OBSOLETE
34900-3022	OBSOLETE
34900-3021	OBSOLETE
34900-3020	OBSOLETE
34900-3004	OBSOLETE
34900-3003	OBSOLETE
34900-3002	OBSOLETE
34900-3001	OBSOLETE
ASSEMBLY PART NUMBERS	STATUS

1X3

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DIMENSION UNITS		SCALE	Mat
mm		1:1	Heat
GENERAL TOL			Fini
(UNLESS SP	EC	IFIED)	CUR
ANGULAR TOL	±	0	
4 PLACES	±		
3 PLACES	±		
2 PLACES	±	0.1	DRW CHK
1 PLACE	±	0.2	
0 PLACES	±	0.5	MVA
TOOL NUMBER			THIRD
			¢
 l		<u>^</u>	<u> </u>

THIS DRAWING (mm 1:1 Heat treat: model al. Heat treat: Heat treat										
DIMENSION UNITS	S	CALE	Material								
mm	1	:1	Heat treat	:			m	nole	K		
GENERAL TO	LERA	NCES	Finish:								
ANGULAR TOL ±		IED)	CURRENT	REV DES	SC:						
		o					1.2	MM 1X2, 1X3 R	ECPT.		
							SEALED ASSEN	IBLY CABLE SE	EAL 62	1905: AE	DED
4 PLACES	±						CPA2 PNS, RE	-ADDED PNS U	SING ⁻	TERMIN	AL H
3 PLACES	±										
	1.	0.4							יאסח כ		
2 PLACES ± 0.1		0.1	_						1	_	
1 PLACE	±	0.2			LAMBROU	2020/09/15	4		DOC TYP	E DOC PART	REVISION
		0.5				0040/00/45	SD-3490	$0_{-}2001$	PSD	001	C8
0 PLACES	±	0.5	MVANSLA			2012/02/15					
TOOL NUMBER			PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET	NUMBER	
	⊕ <u></u> − − − − − − − − − − − − − − − − − −			GENERAL MARKET		7 (DF 7				
	6			5		4	3	2		1	

OBSOLETE PART NUMBERS