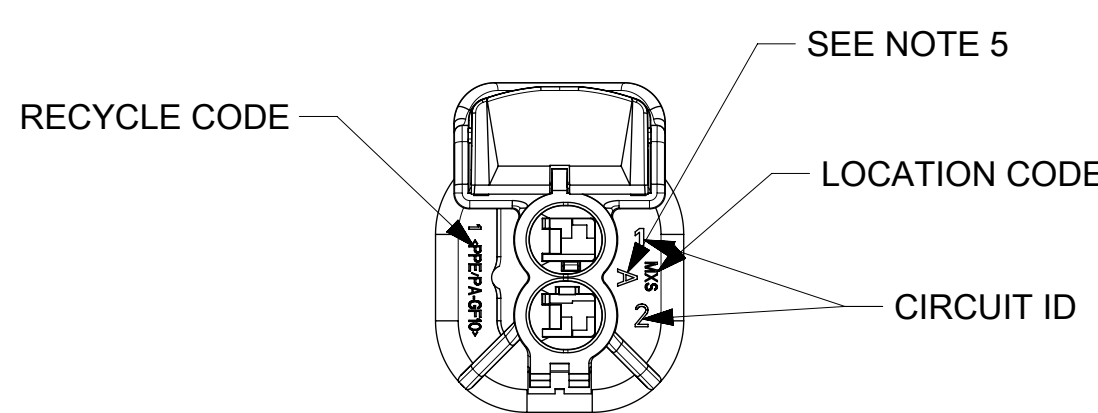
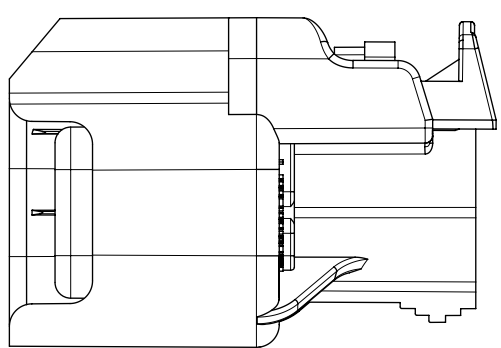
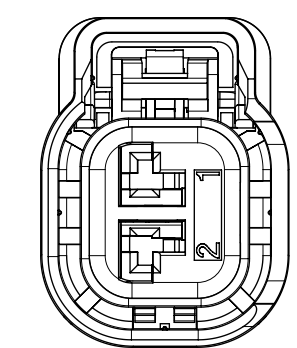
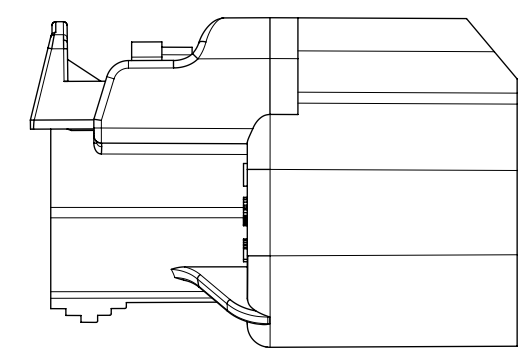
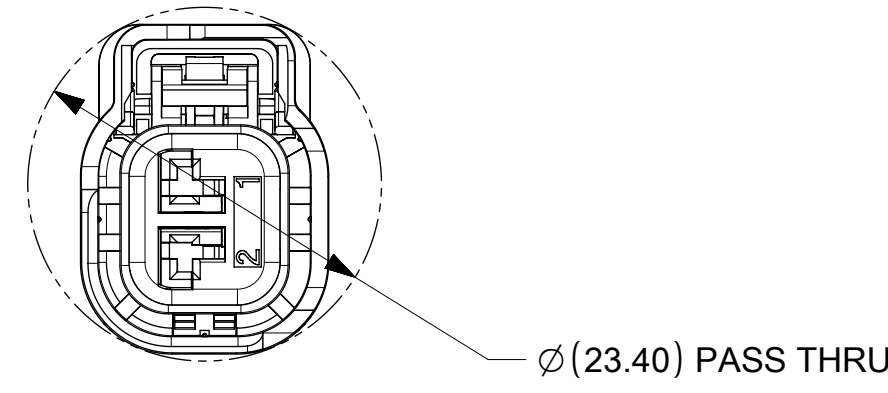
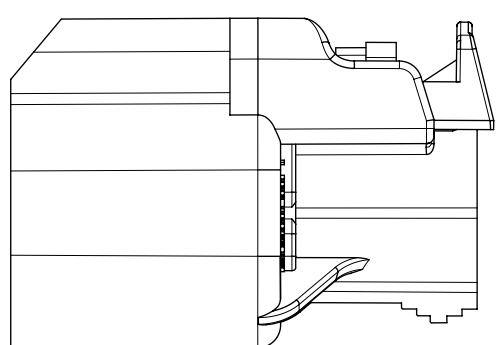
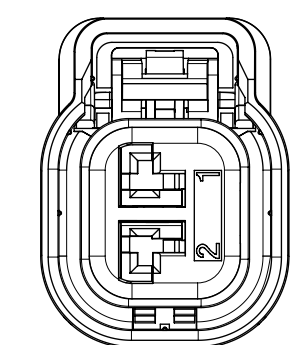
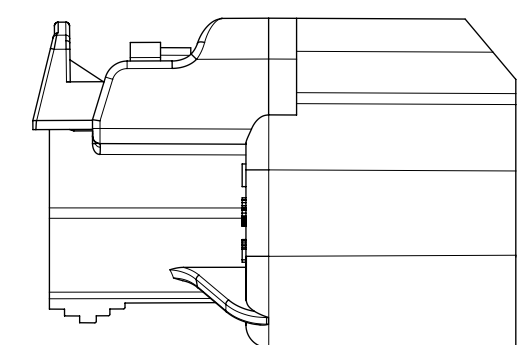
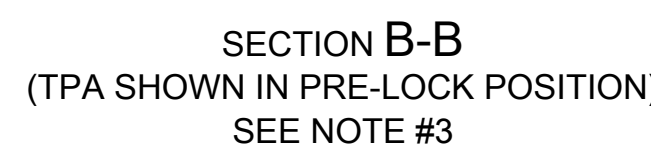
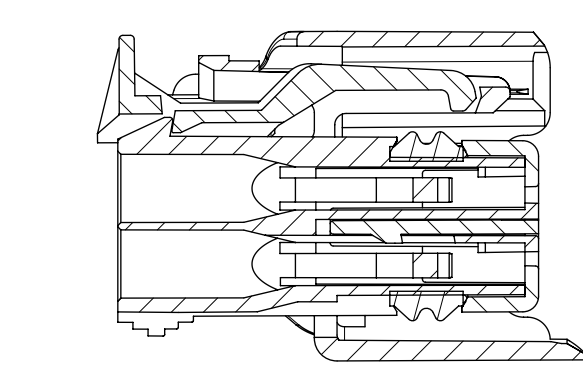
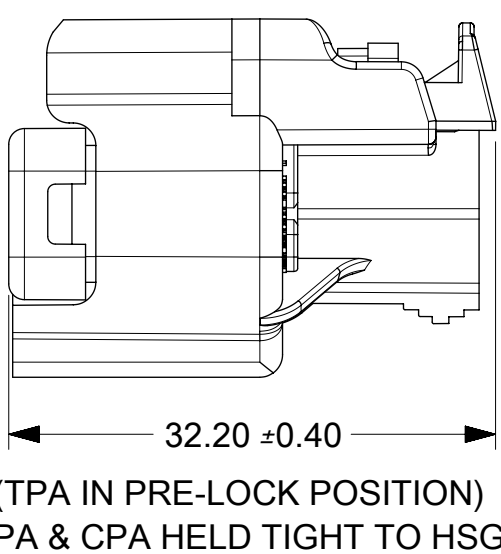
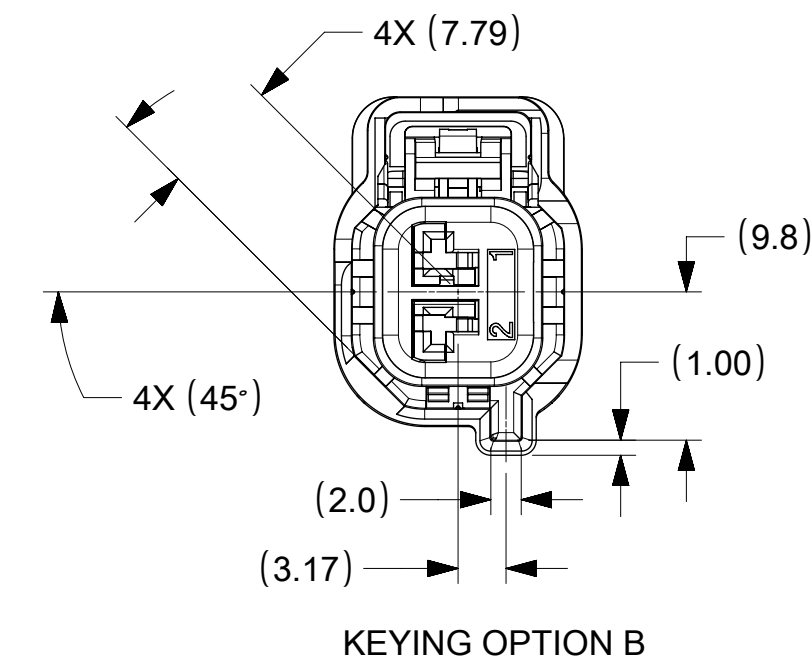
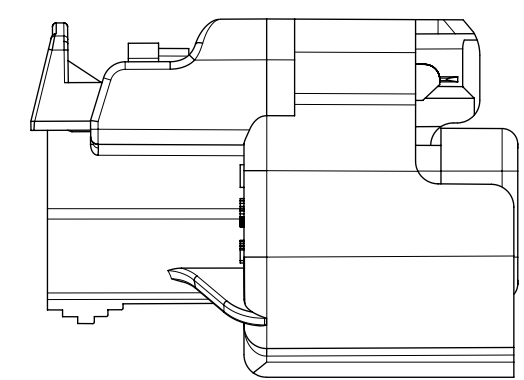
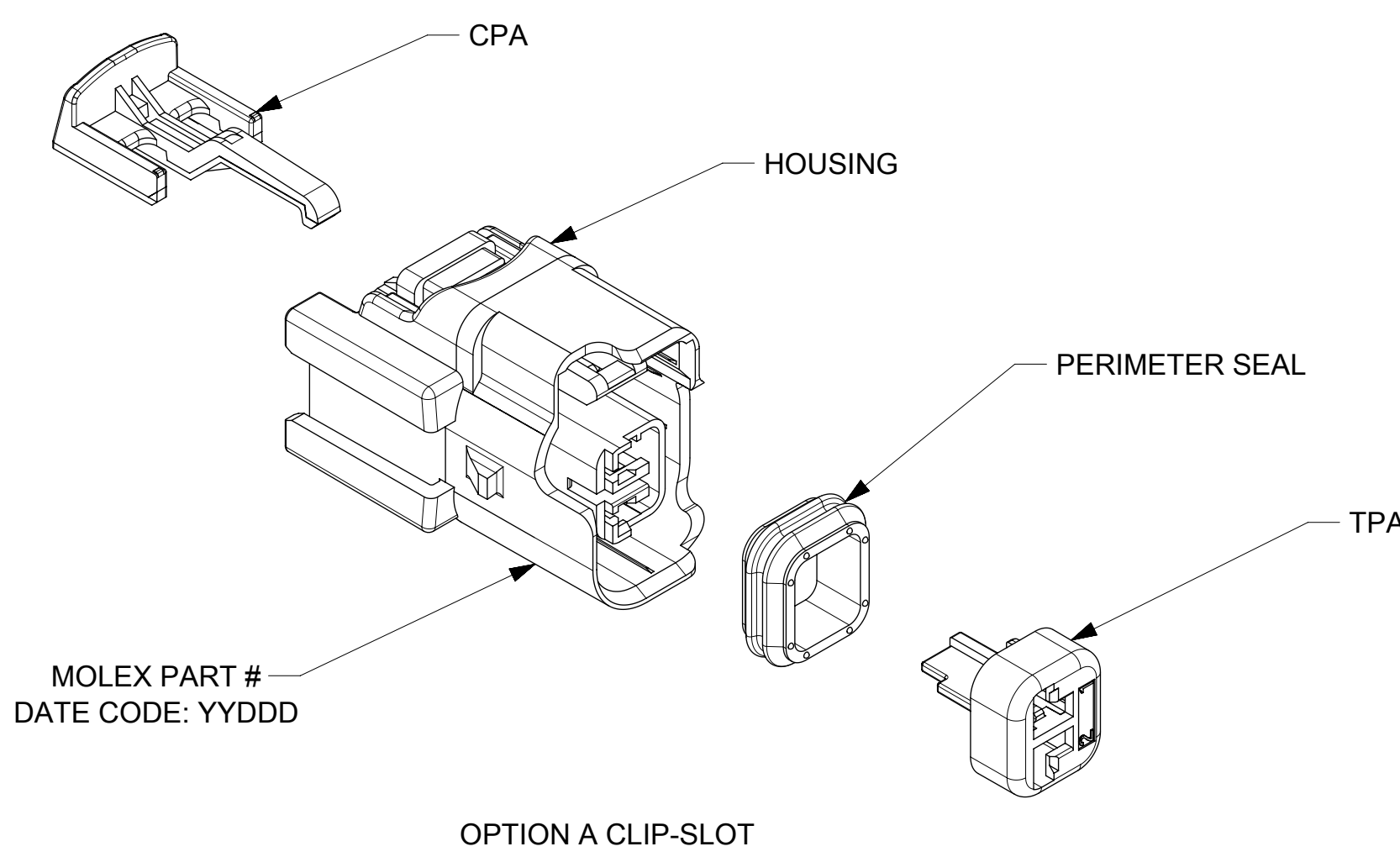
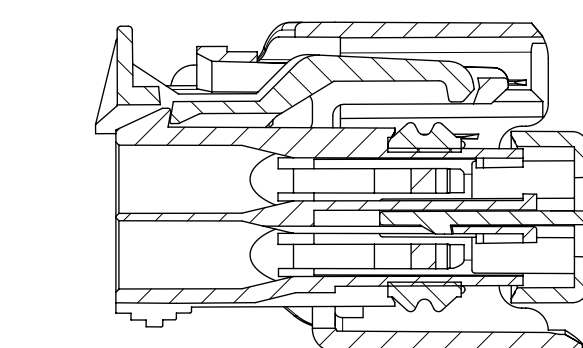
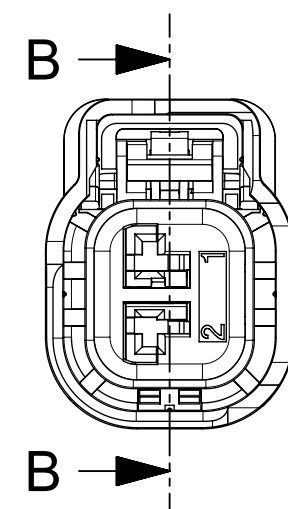
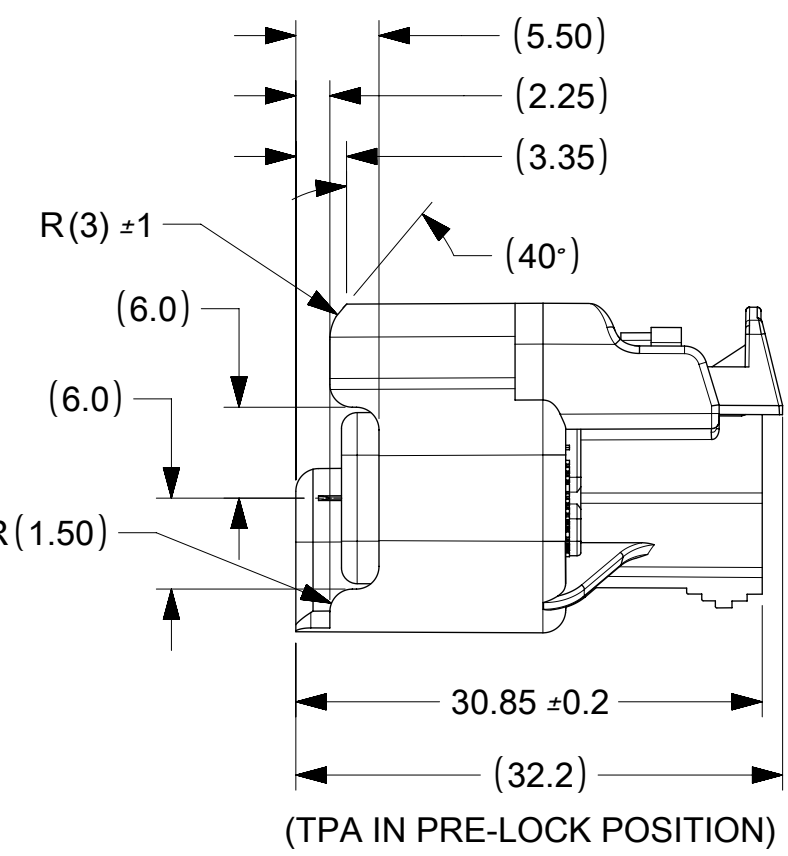
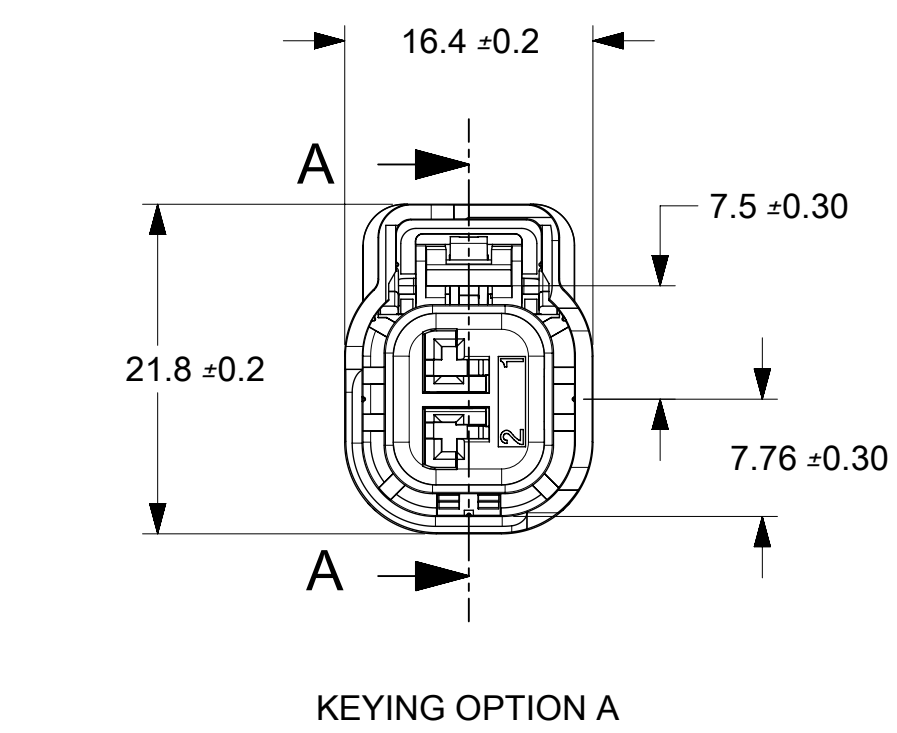
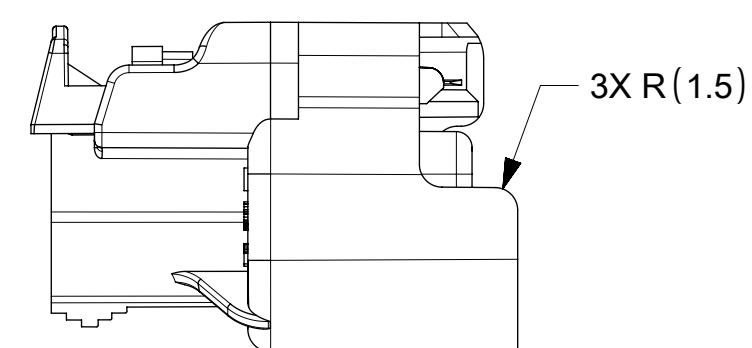
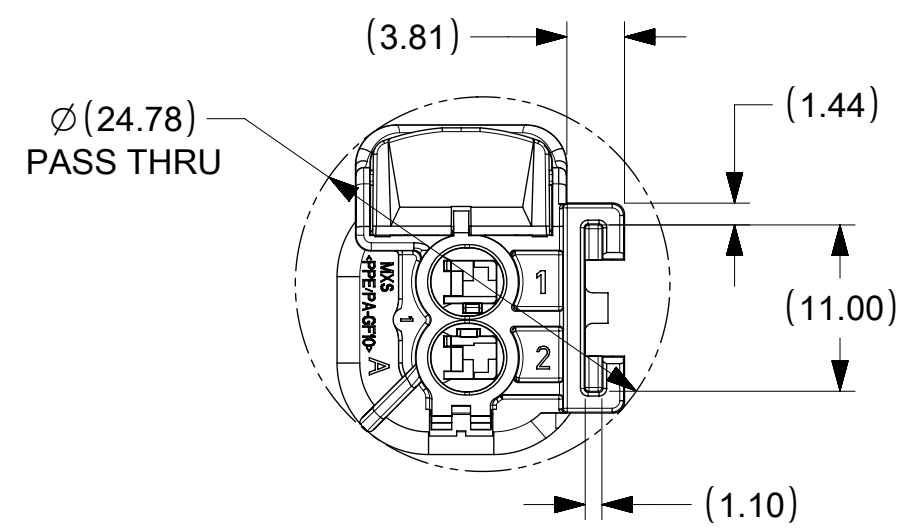
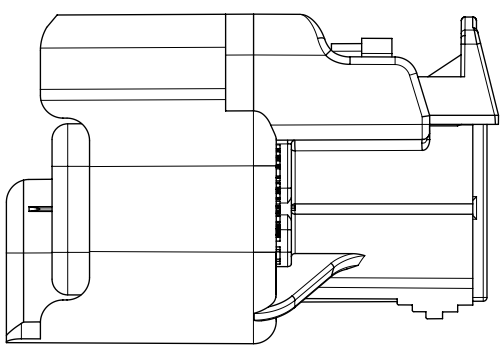
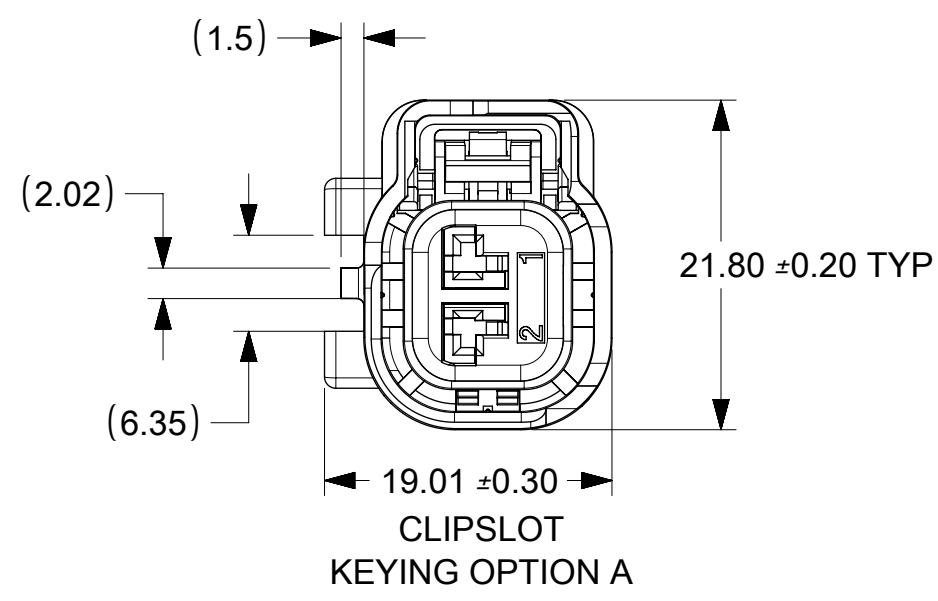
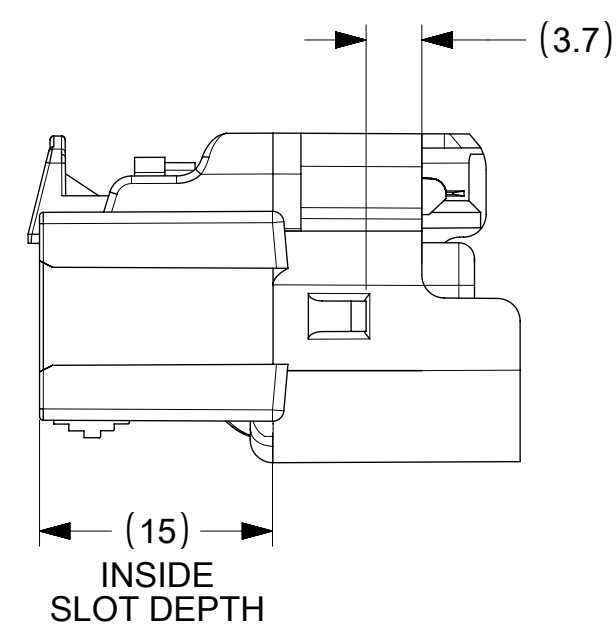
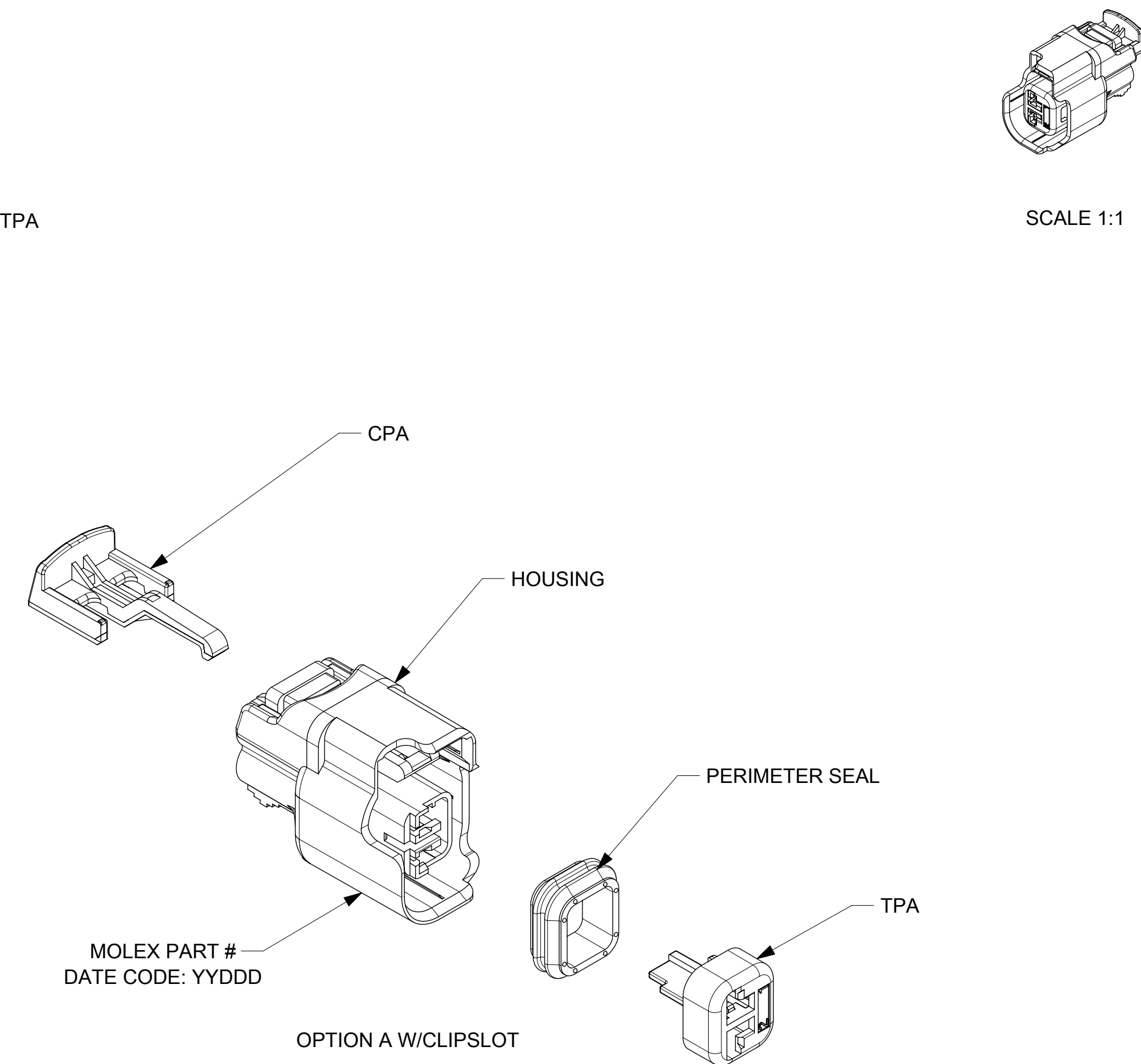
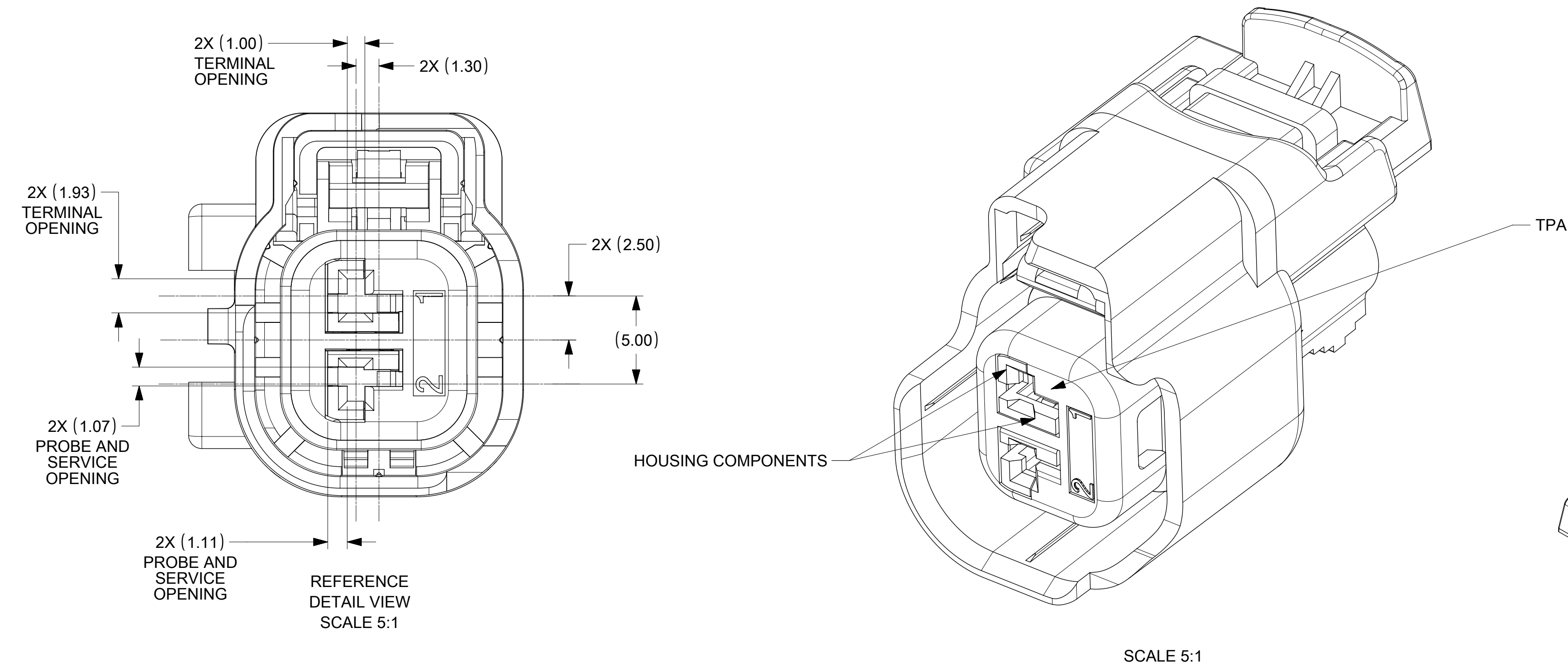


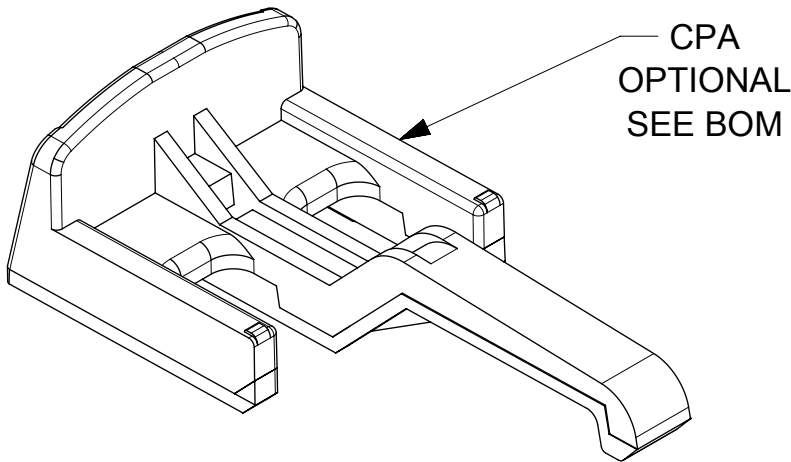
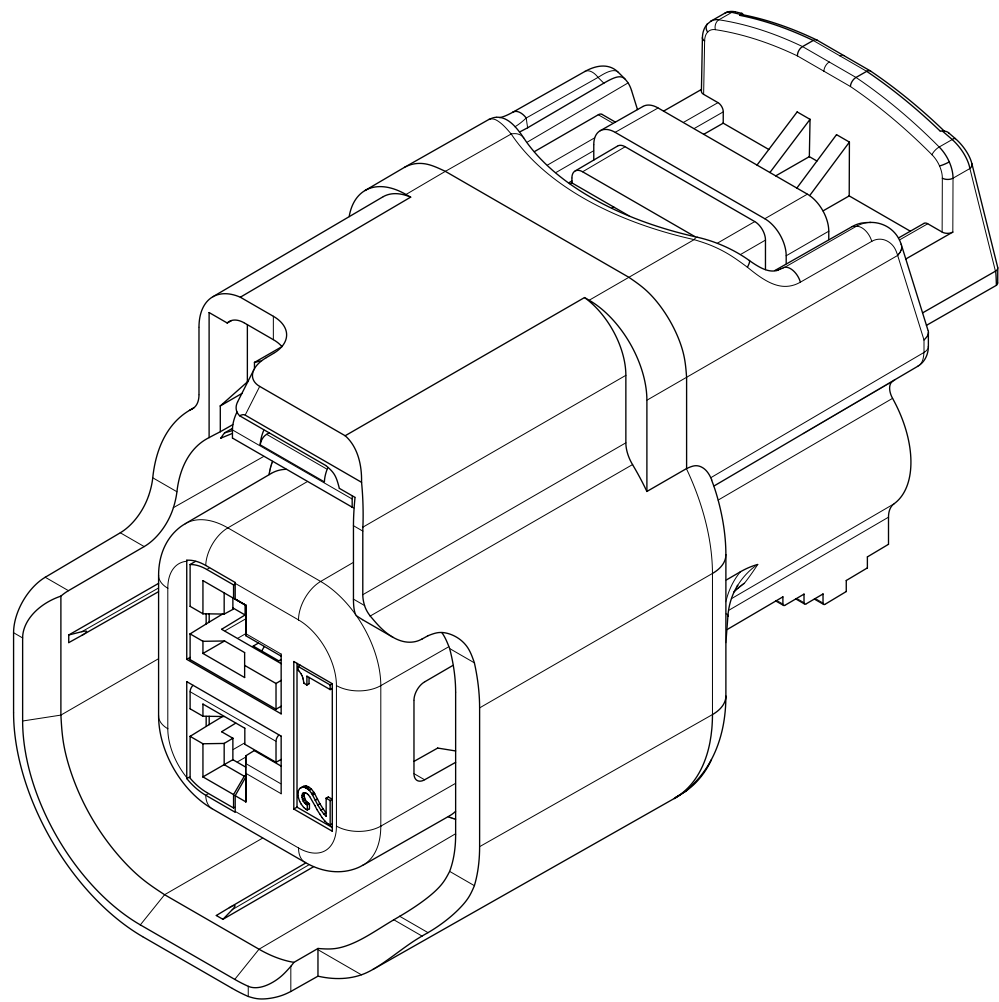
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CPA	CLIPSLOT	TOOLED	STATUS SEE NOTE 8
34062-0001	BLACK	A	NO	NO	YES	OBSOLETE
34062-0002	GRAY	B	NO	NO	YES	OBSOLETE
34062-0003	BLACK	C	NO	NO	YES	OBSOLETE
34062-0004	BLACK	D	NO	NO	YES	OBSOLETE
34062-0005	BLACK	A	YES	NO	YES	OBSOLETE
34062-0006	GRAY	B	YES	NO	YES	PLANNED FOR OBSOLESCENCE SEE REFERENCE P/N 34062-0026
34062-0007	BLACK	C	YES	NO	YES	OBSOLETE
34062-0008	BLACK	D	YES	NO	YES	OBSOLETE
34062-0009	GRAY	D	NO	NO	YES	OBSOLETE
34062-0010	GRAY	D	YES	NO	YES	OBSOLETE
34062-0011	BLACK	A	NO	YES	YES	OBSOLETE
34062-0012	GRAY	B	NO	YES	NO	OBSOLETE
34062-0013	BLACK	C	NO	YES	NO	OBSOLETE
34062-0014	BLACK	D	NO	YES	NO	OBSOLETE
34062-0015	BLACK	A	YES	YES	YES	OBSOLETE
34062-0016	GRAY	B	YES	YES	NO	OBSOLETE
34062-0017	BLACK	C	YES	YES	NO	OBSOLETE
34062-0018	BLACK	D	YES	YES	NO	OBSOLETE
34062-0019	GRAY	D	NO	YES	NO	OBSOLETE
34062-0020	GRAY	D	YES	YES	NO	OBSOLETE



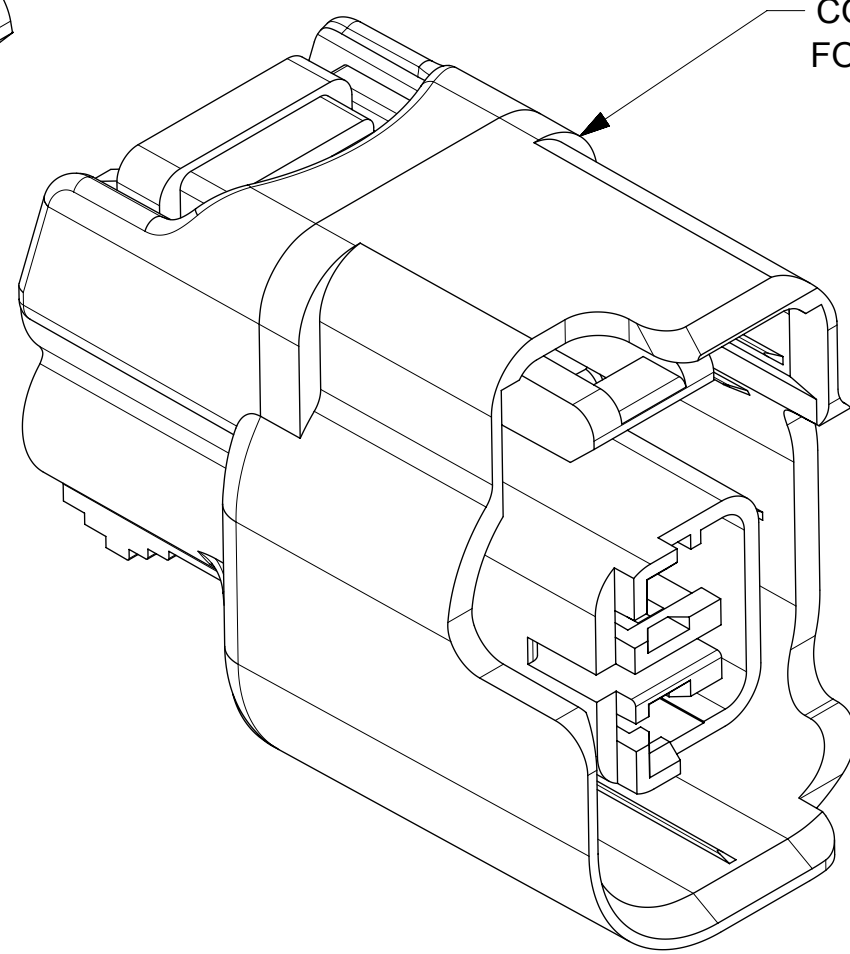
- NOTES: UNLESS OTHERWISE SPECIFIED
- ASSEMBLY CONFORMS TO:
SAE/J1773-12, REV 2,
SAE/J1773-12, REV 4
EXCEPT TPA REMOVAL FROM FINAL LOCK - SECOND CYCLE,
SHALL NOT BE LESS THAN 12 NEWTONS.
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN EWCAP
DRAWING 150-S-002-1-Z01 REV A (9-18-2003).
 - ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION (SEE SECTION B-B
PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH TPA MUST BE SNAPPED
INTO ITS FINAL-LOCK POSITION.
 - OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLES FOR SPECIFIC ASSEMBLY
OPTION AND NUMBER.
 - KEYING OPTION AND ASSEMBLY MACHINE IDENTIFIER.
 - RECYCLE CODE FOR PERIMETER SEAL: SILICON 50 DUROMETER
HOUSING: PPE/PA-GF10
TPA/CPA: PBT-GF30
 - SYSTEM TESTED USING ESB-M1L123-A, 16,18,20&22 AWG WIRE. MS-8288 AND
MS9502 ARE ACCEPTABLE ALTERNATIVES.
 - FOR RECOMMENDED PART NUMBERS NOT SHOWN ON THIS DRAWING SEE SD-34062-002 & SD-34062-004.

22	0.50	34083-2003	34083-0003	RIGHT	TIN	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34083-3003	34083-1003	LEFT	TIN	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34081-2005	34081-0005	RIGHT	GOLD	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34081-3005	34081-1005	LEFT	GOLD	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
20	0.75	34083-2002	34083-0002	RIGHT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34083-3002	34083-1002	LEFT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34081-2004	34081-0004	RIGHT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34081-3004	34081-1004	LEFT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34083-2002	34083-0002	RIGHT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34083-3002	34083-1002	LEFT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34081-2004	34081-0004	RIGHT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34081-3004	34081-1004	LEFT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
16	1.5	34083-2001	34083-0001	RIGHT	TIN	14/16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34083-3001	34083-1001	LEFT	TIN	14/16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34081-2003	34081-0003	RIGHT	GOLD	16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34081-3003	34081-1003	LEFT	GOLD	16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
AWG	METRIC						YAZAKI P/N	WIRE OD RANGE	COLOR	QSR P/N	WIRE OD RANGE	COLOR
WIRE SIZE	PREFERRED TERMINAL	OPTIONAL TERMINAL	PAYOFF DIRECTION	PLATING	GRIP		YAZAKI			QSR		
RELEASE STATUS	RELEASE DATE											

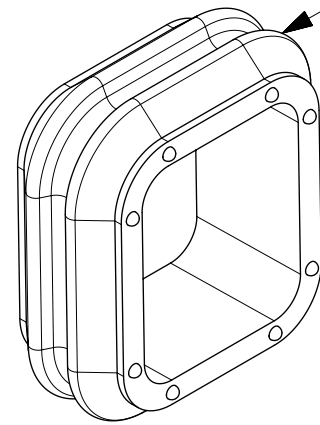
QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	L4 REV.	NX RE-MASTERING DESCRIPTION
= 0	EC NO: 117955 DRWN: MSELANGOVAN CHKD: KDEKOSKI REV APPR: 2017/06/14	MM	2:1
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DRWN BY	DATE
= 0	ANGULAR TOL ± 3.0 °	L.P.LIM	2002/11/15
= 0	4 PLACES ±	CHK'D BY	DATE
= 0	3 PLACES ±	DKOEHLER	2002/11/25
= 0	2 PLACES ± 0.1	APPR BY	DATE
= 0	1 PLACE ± 0.3	CPENDLET	2002/11/25
= 0	0 PLACES ±	SERIES	MATERIAL NUMBER
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	34062	SEE TABLE
= 0		DOCUMENT NUMBER	DOC TYPE
		SD-34062-001	PSD
		DOC PART	SHEET NUMBER
		000	1 OF 1



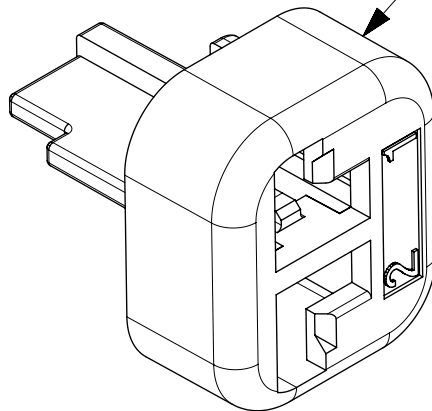
CPA
OPTIONAL
SEE BOM



CONNECTOR HOUSING
FOR OPTIONS SEE BOM



RING SEAL
FOR OPTIONS
SEE BOM



TPA

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2, 3	CONFIGURATIONS
4	RECEPTACLE CONNECTOR ASSEMBLY
5	MOLEX INTERFACE

NOTES: VALID UNLESS OTHERWISE SPECIFIED

- GENERAL:
 - APPLICATION SPECIFICATION SEE: AS-34062-000
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-002-1-Z01. AVAILIBLE AT <http://ewcap.uscarteams.org/>.
 - DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING: SD-34675-001
 - ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK (SEE TPA PRE-LOCK VIEW IN SHEET 4)
 - PRODUCT SPECIFICATION SEE: PS-34062-000
 - CONTAINS: SCOPE, PRODUCT DESCRIPTION, INTEGRAL COMPONENTS AND ACCESSORIES, APPLICABLE DOCUMENTS AND SPECIFICATIONS, RATINGS, PERFORMANCE, PACKAGING, GAUGE AND FIXTURES, AND OTHER INFORMATION.
 - PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-30907-879
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-301
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
- DESIGN - MATERIALS:
 - SEE BOM TABLE IN SD-34062-004
- DESIGN - GEOMETRY:
 - 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.
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - 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.
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
 - LASER MARKING: TBD

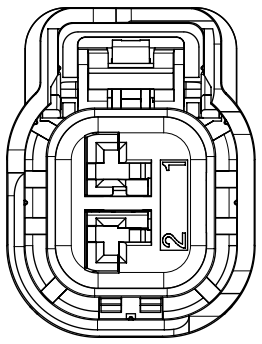
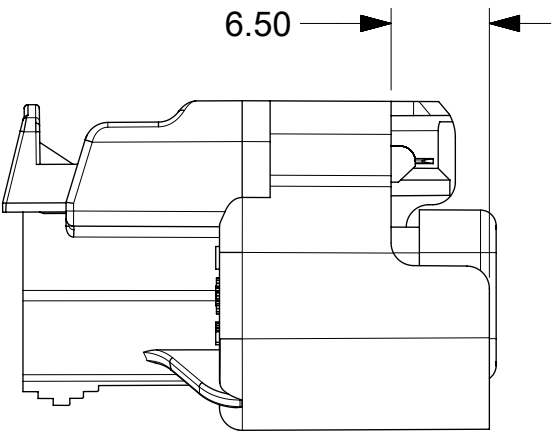
INSPECTION BALLOON NUMBER LOG									
PER DRAWING REVISION: J18									
LAST BALLOON NUMBER USED: ICD 64									
ADDED BALLOON NUMBERS: ICD 64									
REMOVED BALLOON NUMBERS: ICD 7, ICD 8, ICD 9,ICD 18, ICD 19, ICD 20, ICD 41, ICD 42									

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
A = 0	EC NO: 117955 DRWN: PKABBUR CHKD: KDEKOSKI REV: J19	2017/05/15 2017/06/14	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		molex® MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH)							
E = 0				MM		4:1									
F = 0				DRWN BY		DATE									
G = 0				ANGULAR TOL ± 3.0 °		KCUNNINGHAM2011/11/08									
H = 0				4 PLACES ±		CHK'D BY				DATE					
I = 0				3 PLACES ±		MVANSLAMBROU1/26/2012									
J = 0				2 PLACES ± 0.1		APPR BY				DATE					
K = 0				1 PLACE ± 0.3		KDEKOSKI2017/06/14									
L = 0				0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION							
M = 0				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D									
N = 0															
				SERIES		MATERIAL NUMBER			CUSTOMER						
				34062		SEE NOTE 2a			GENERAL MARKET						
				DOCUMENT NUMBER			DOC TYPE		DOC PART		SHEET NUMBER				
				SD-34062-002			PSD		000		1 OF 5				

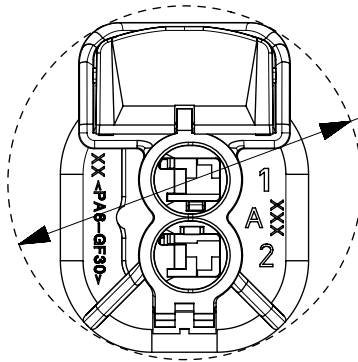
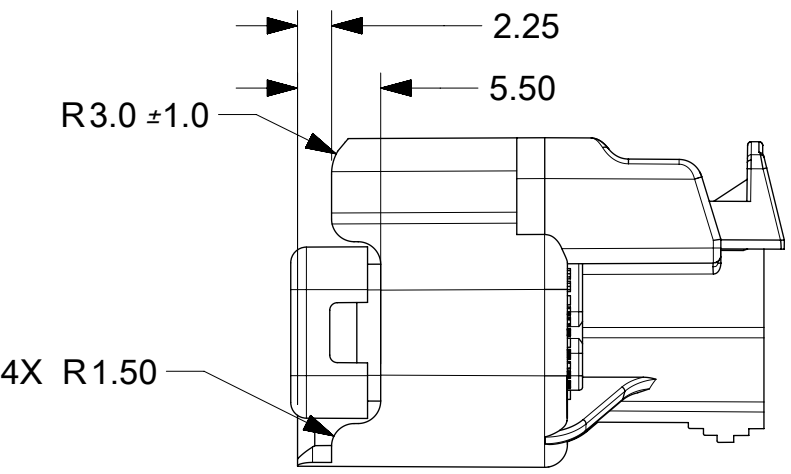
J19	NX RE-MASTERING
J18	ADDED DIM ICD 64
REV.	DESCRIPTION

RELEASE STATUS	RELEASE DATE
19	18
17	16
15	14
13	12
11	10
9	8
7	6
5	4
3	2
1	

SHEET DESCRIPTION
CONFIGURATIONS

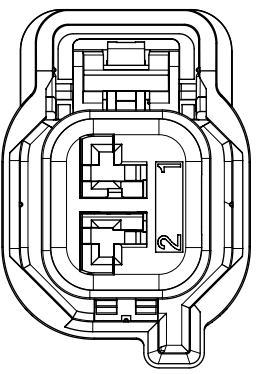
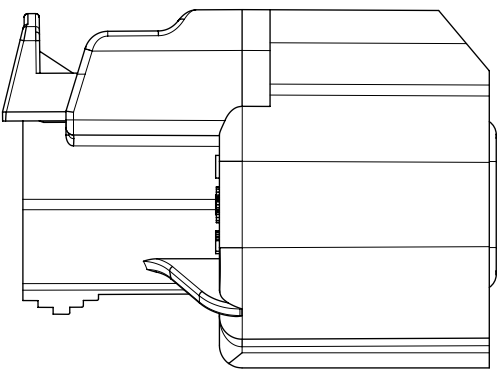


OPTION A

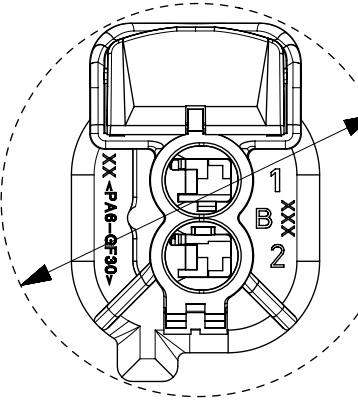
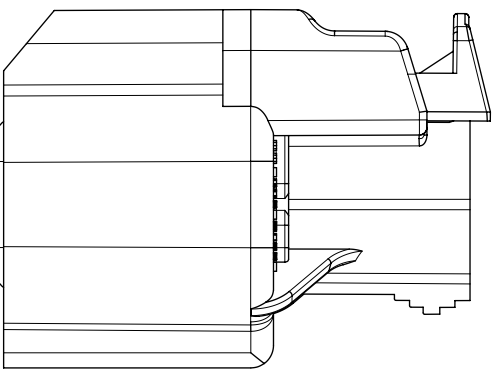


Ø23.40
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO NON-CLIP SLOT
OPTIONS A, C, D & G

REAR VIEW

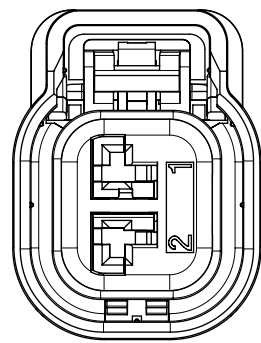
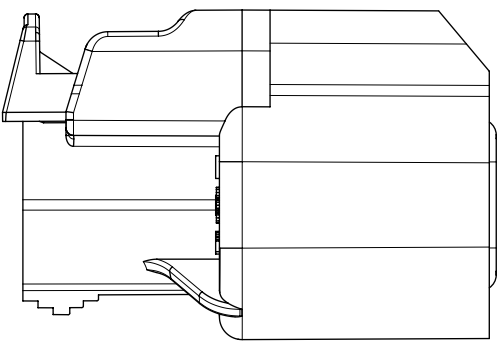


OPTION B

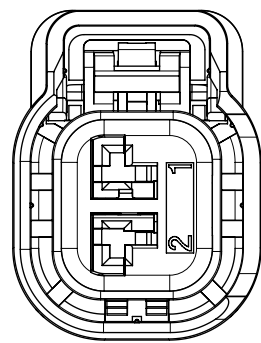
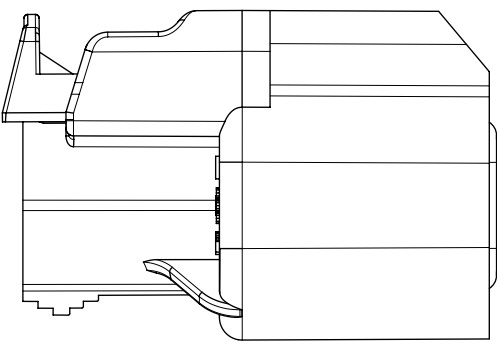
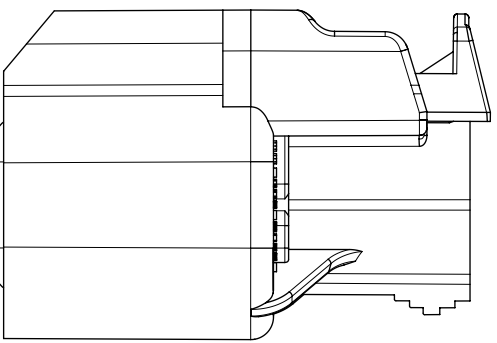


Ø26.00
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO NON-CLIP SLOT
OPTIONS B, E & F

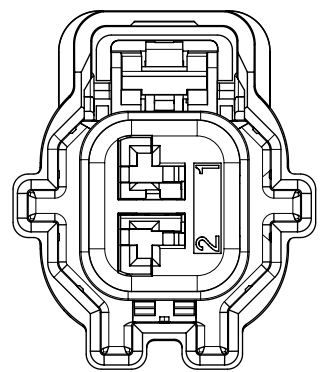
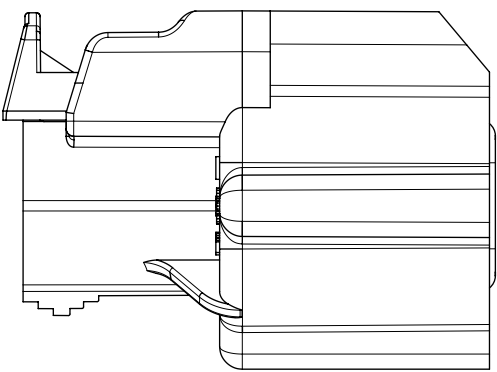
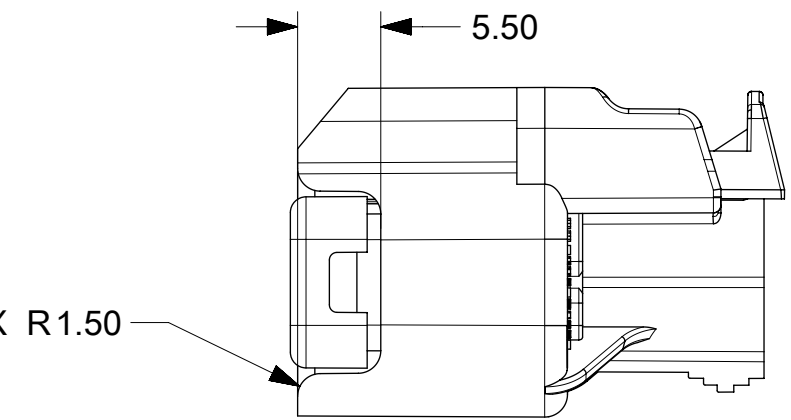
REAR VIEW



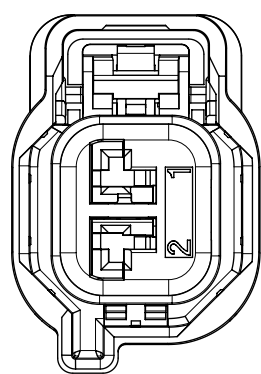
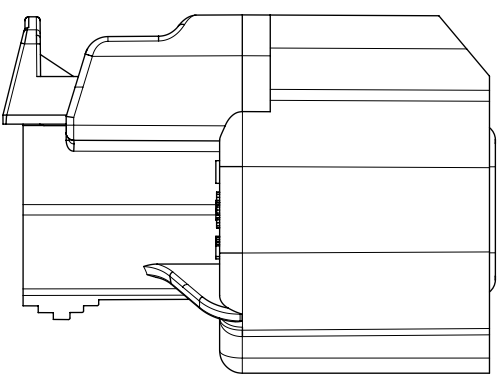
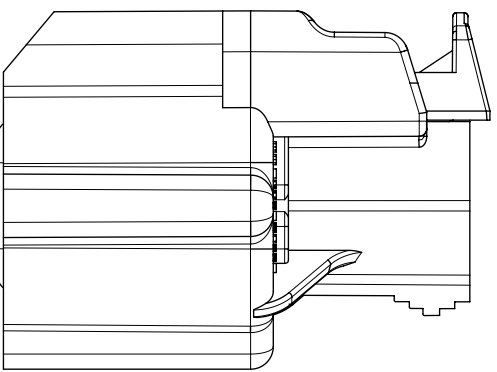
OPTION C



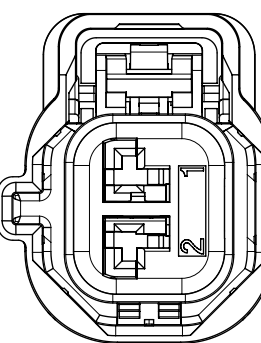
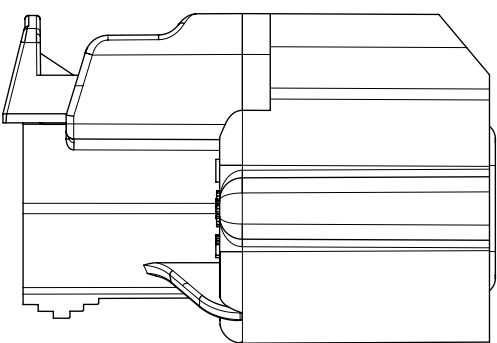
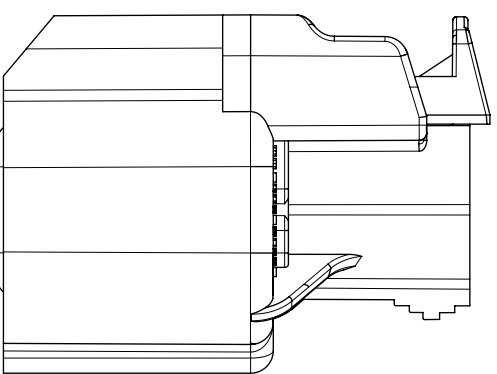
OPTION D



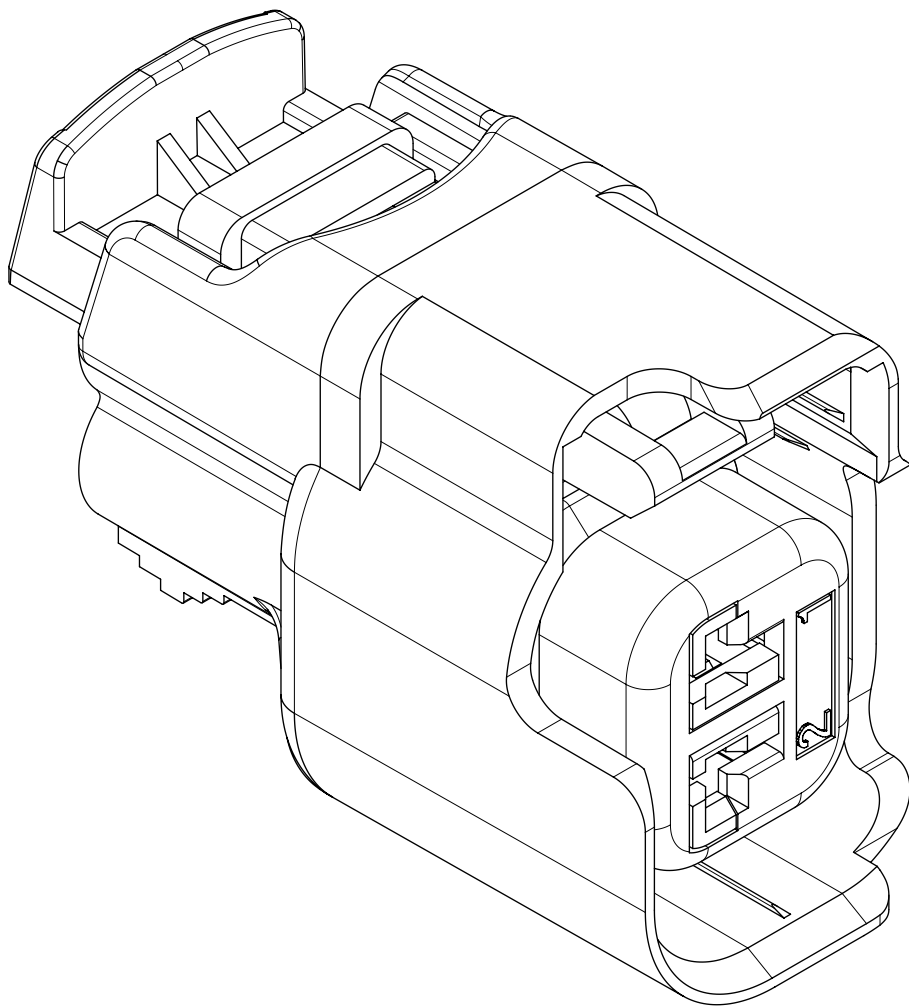
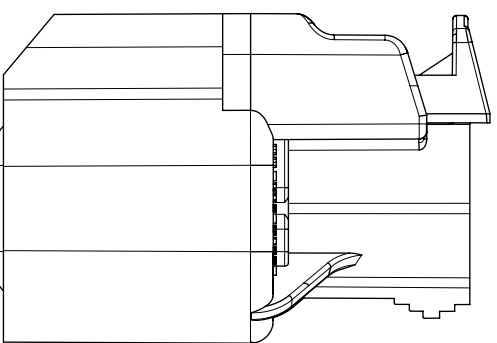
OPTION E



OPTION F



OPTION G

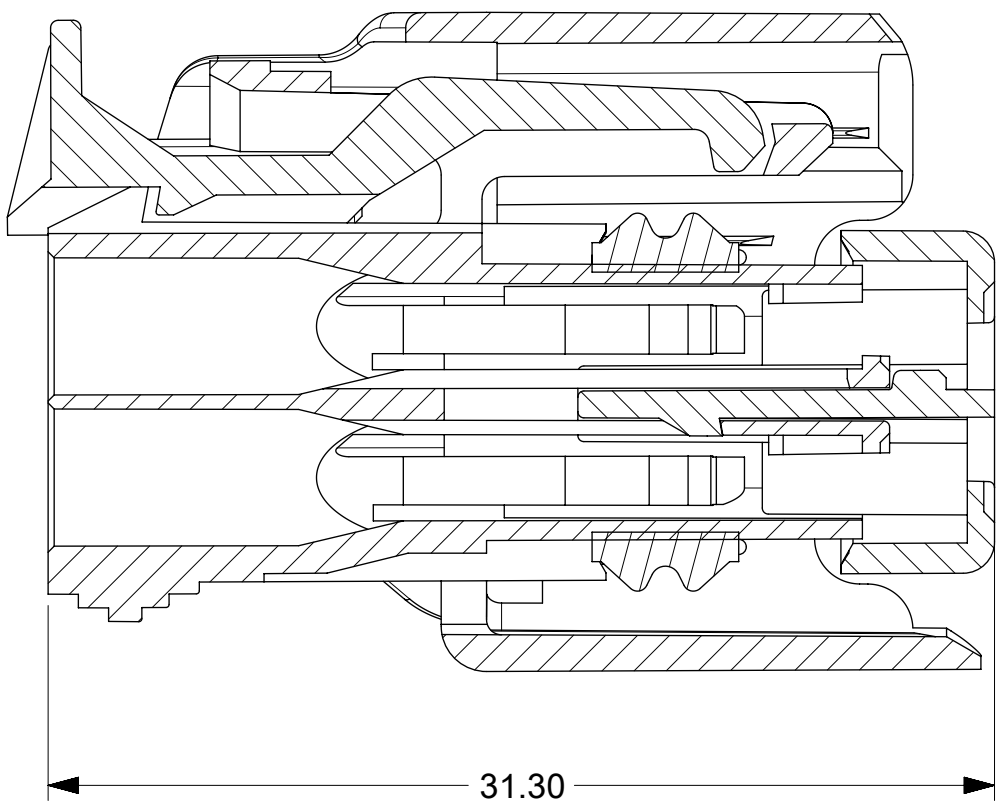
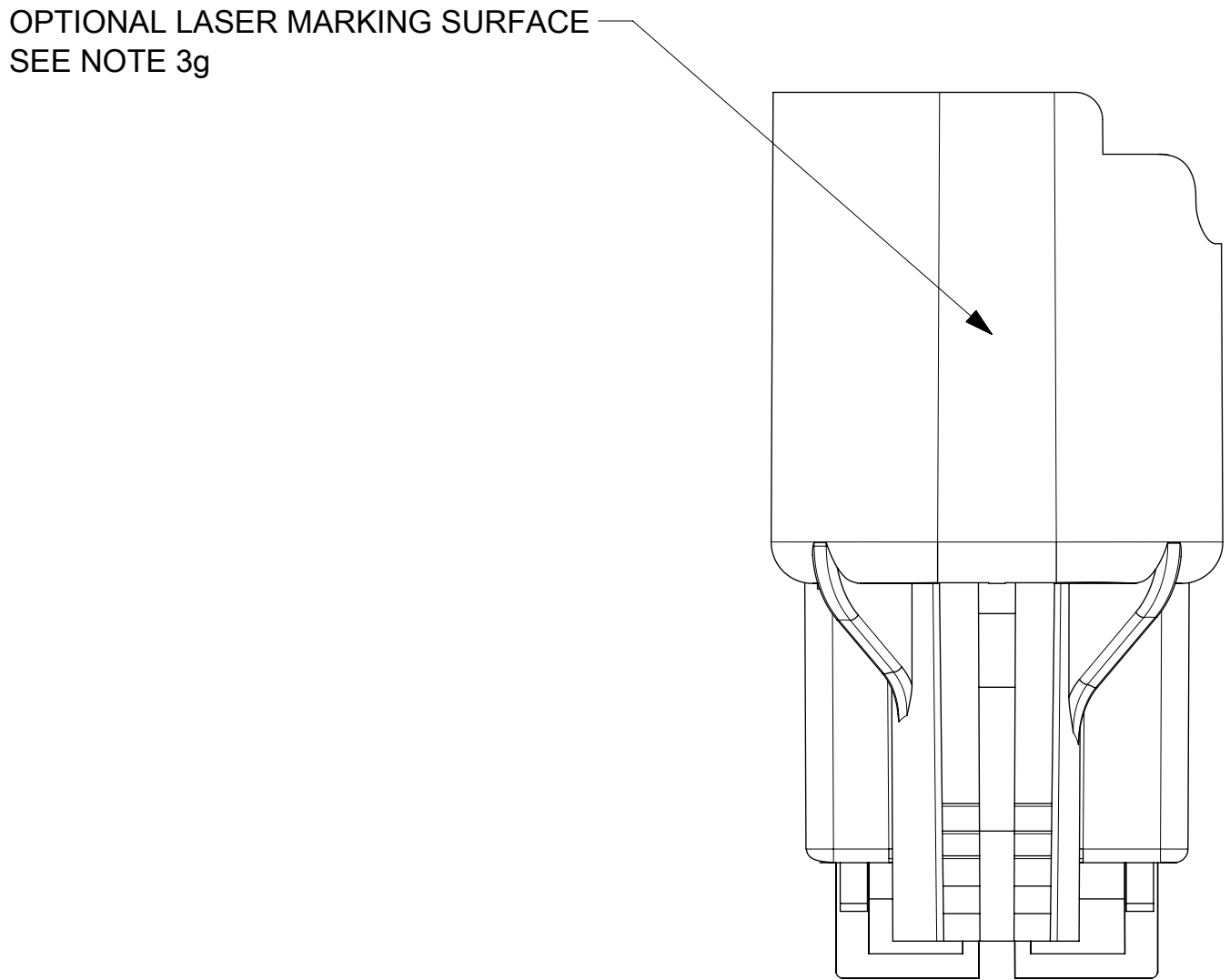
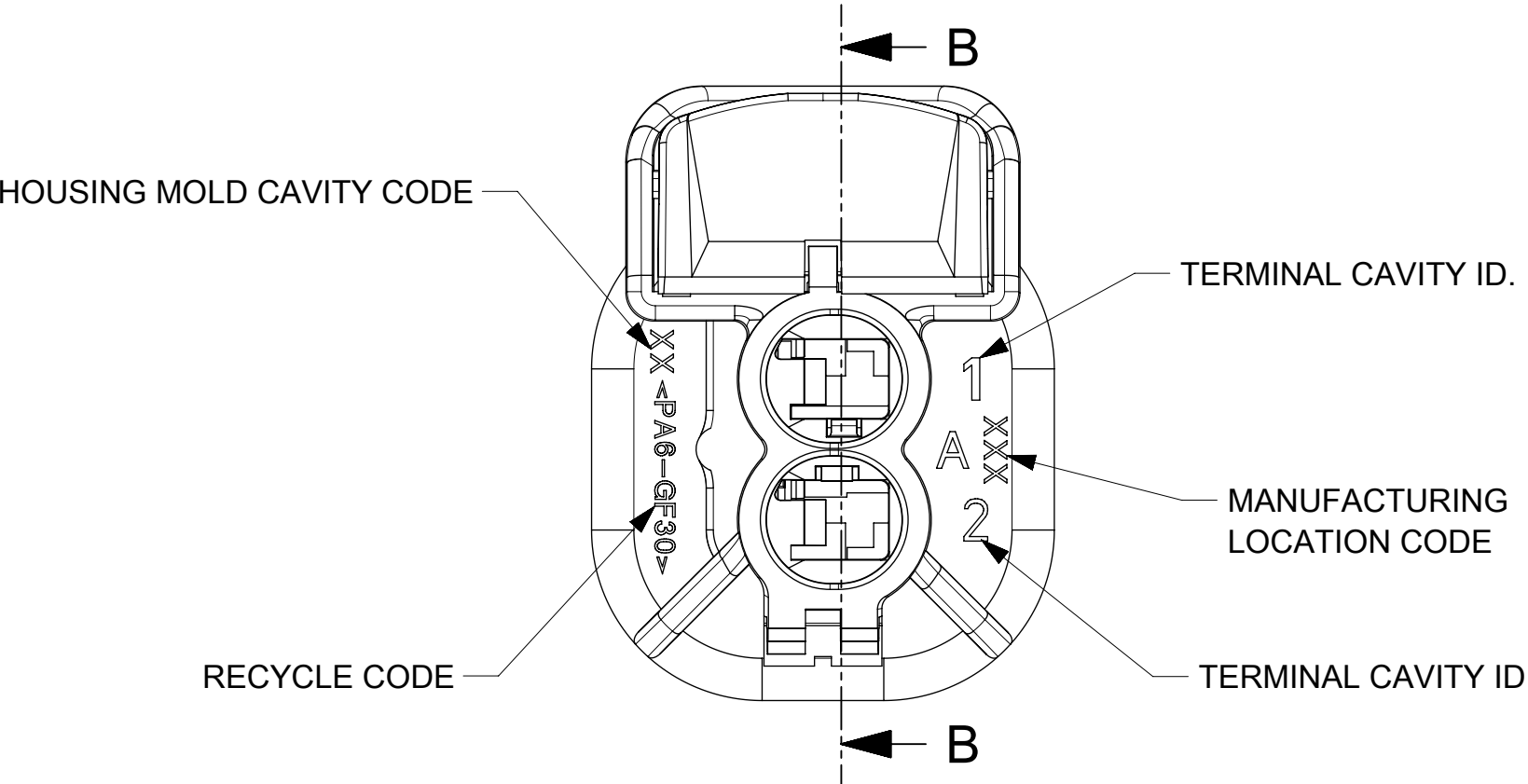
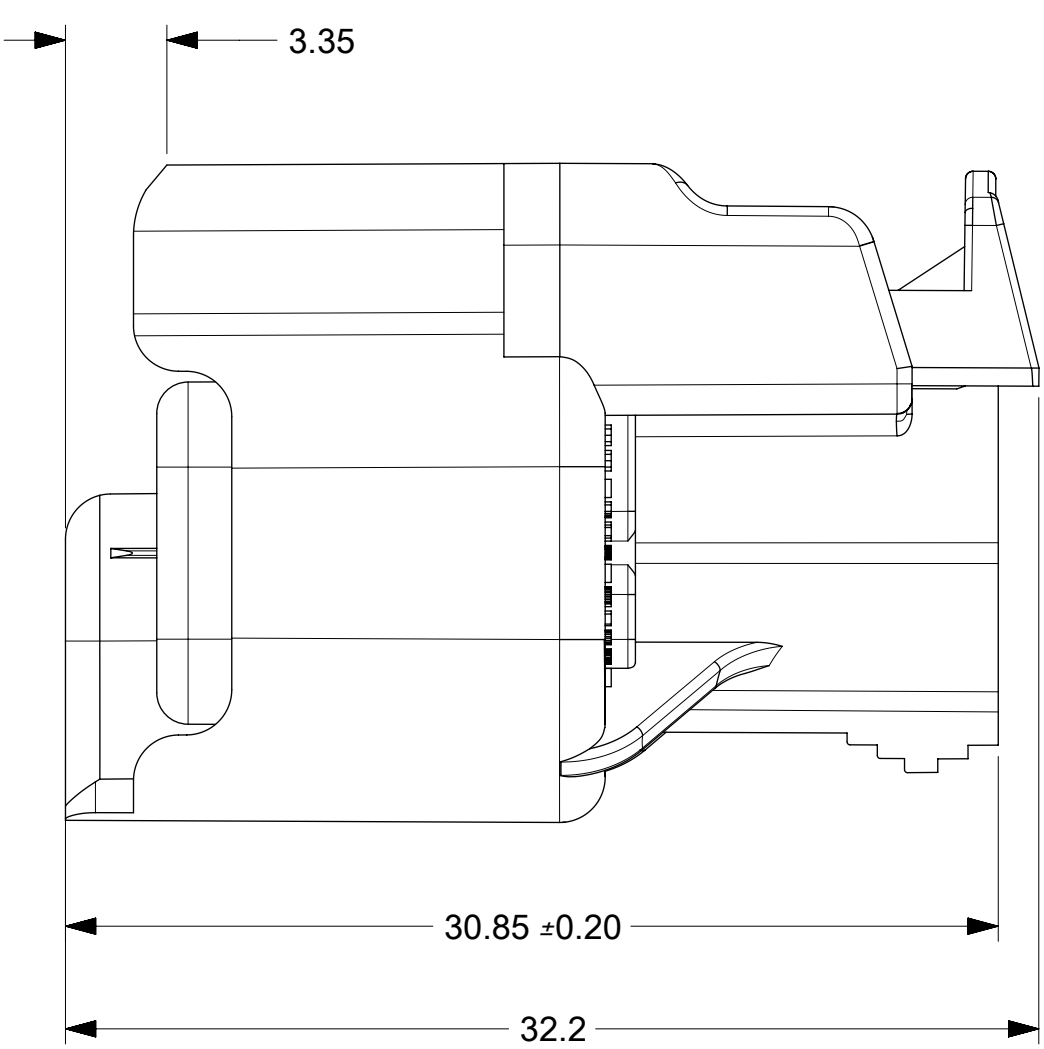
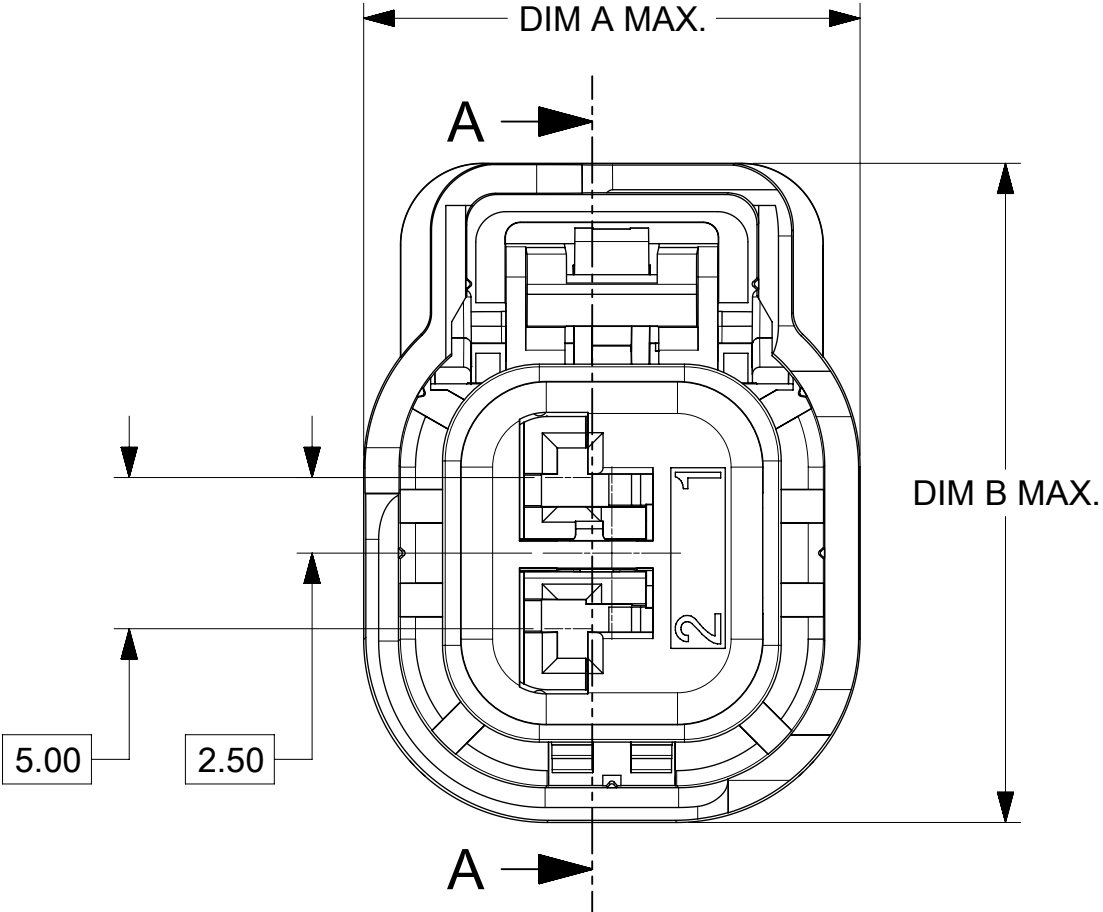
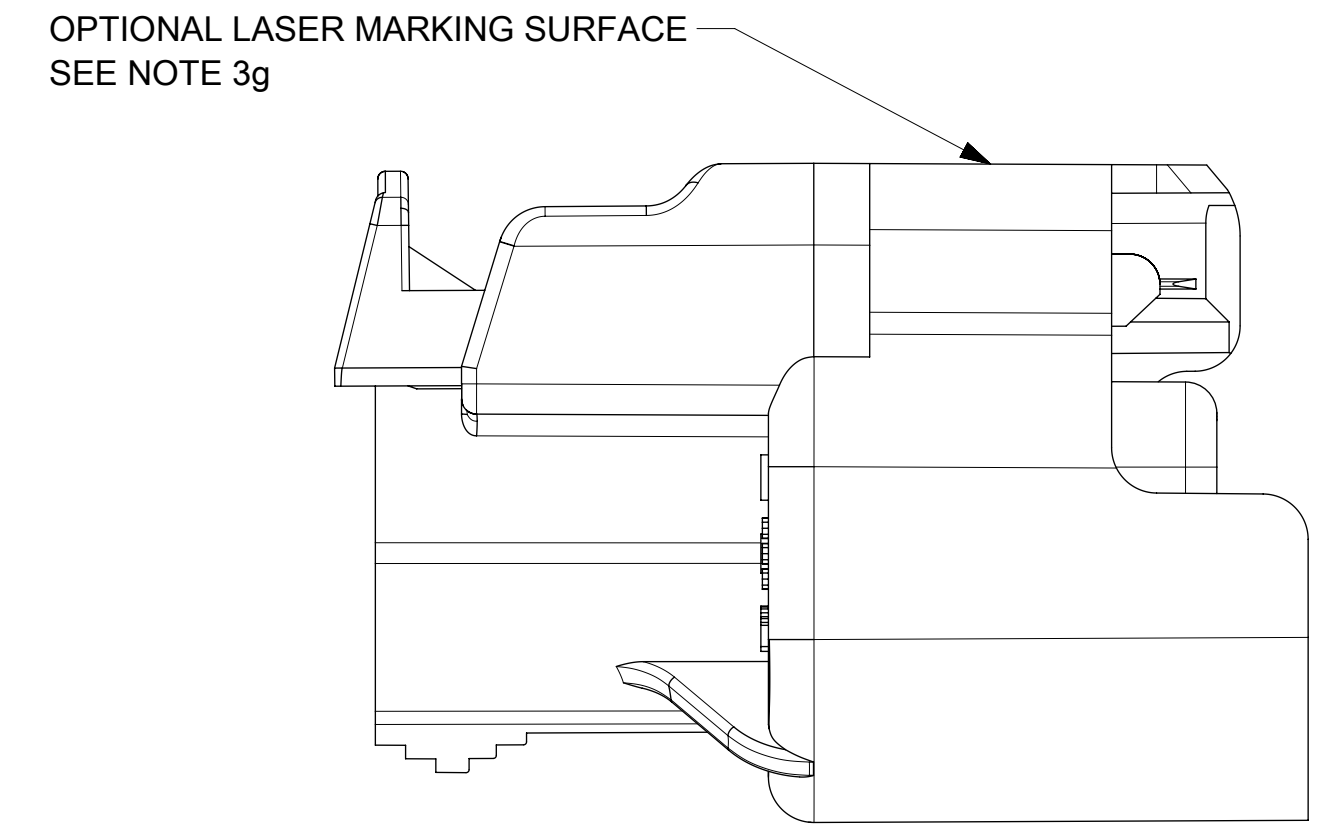


NON CLIP-SLOT OPTION
SCALE 4:1

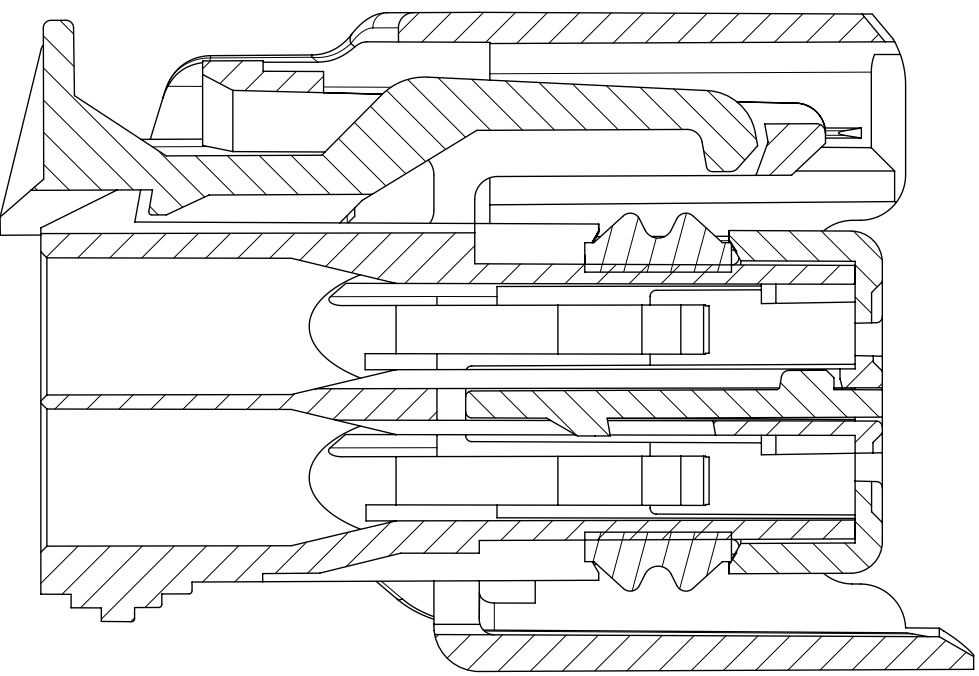
QUALITY SYMBOLS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	=	0	2017/05/15 2017/06/14 EC NO: 117955 DRWN: PKABBUR CHKD: REV/ APPR: KDEKOSKI	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE									
	=	0			MM		2:1									
	=	0			ANGULAR TOL ± 3.0 °		DRWN BY		DATE		MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH)					
	=	0			4 PLACES ±		KCUNNINGHAM		2011/11/08							
	=	0			3 PLACES ±		CHK'D BY		DATE							
	=	0			2 PLACES ± 0.1		MVANSLAMBROU		1/26/2012							
	=	0			1 PLACE ± 0.3		APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
	=	0			0 PLACES ±		KDEKOSKI		2017/06/14							
	=	0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
	=	0					D				34062		SEE NOTE 2a		GENERAL MARKET	
	=	0	J19	REV					DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
									SD-34062-002		PSD		000		2 OF 5	

SHEET DESCRIPTION
RECEPTACLE CONNECTOR ASSEMBLY

CHARTED DIMENSIONS		
CONFIGURATIONS	DIMENSIONS	
	A	B
OPTIONS A, C, D	16.6	22.0
OPTION B	16.6	23.9
OPTION E	20.2	23.9
OPTION F	16.6	23.9
OPTION G	18.4	22.0
OPTIONS A, C, D W/CLIP-SLOT	19.2	22.0
OPTION B W/CLIP-SLOT	19.2	23.9

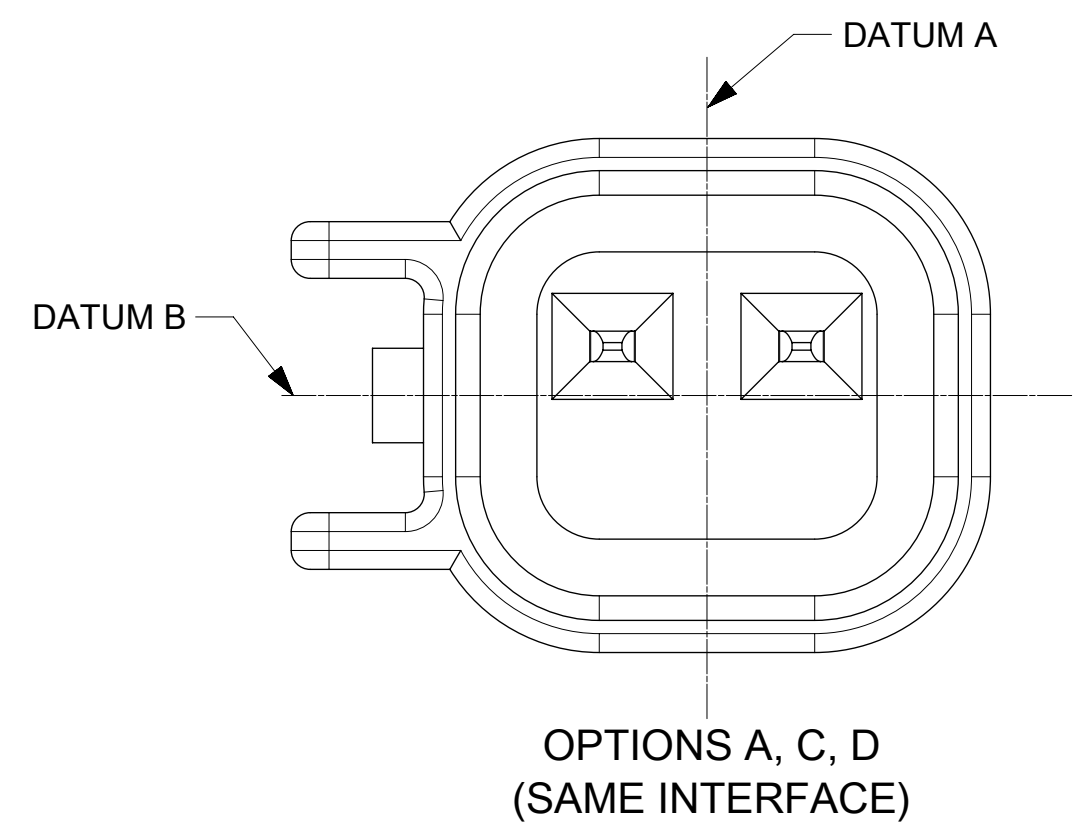


SECTION A-A
TPA SHOWN IN THE
PRE-STAGED POSITION

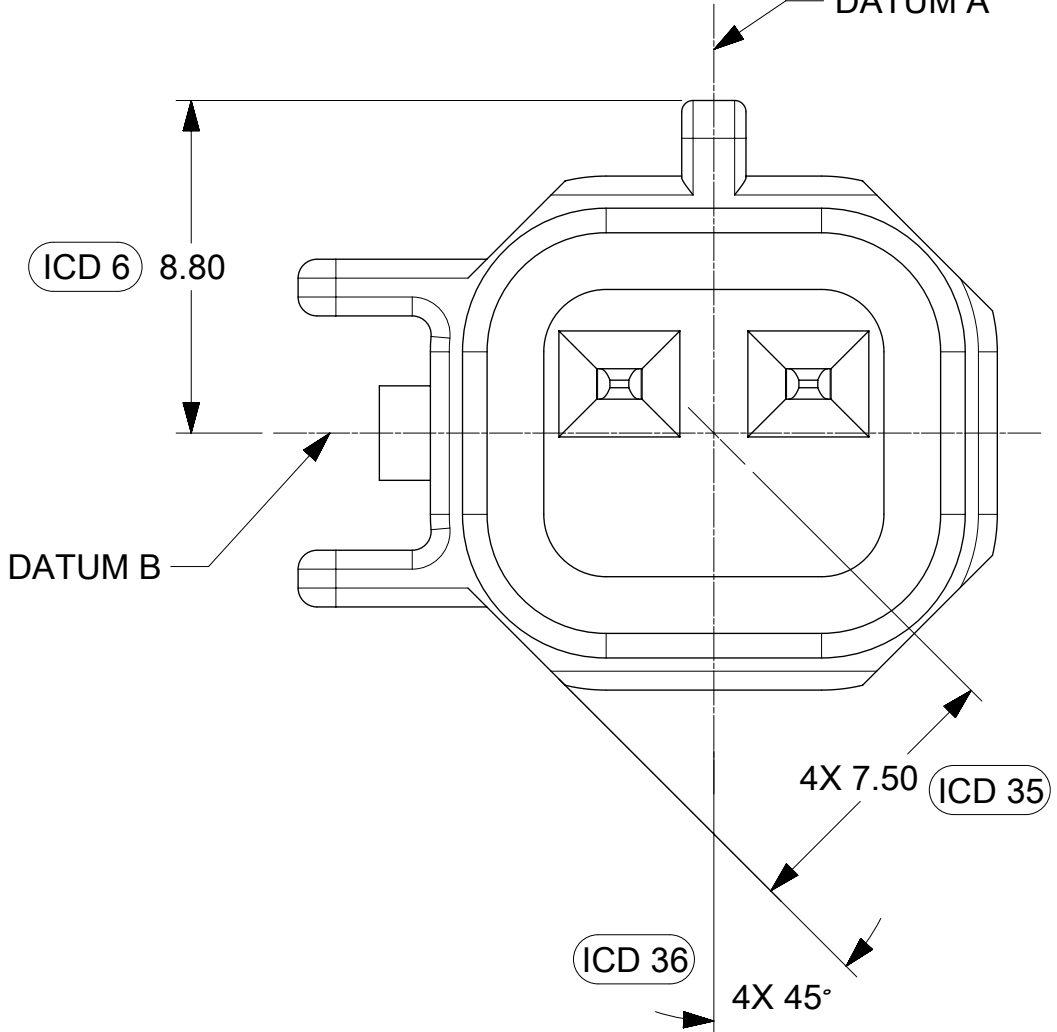


SECTION B-B
TPA SHOWN IN
FINAL-LOCK POSITION

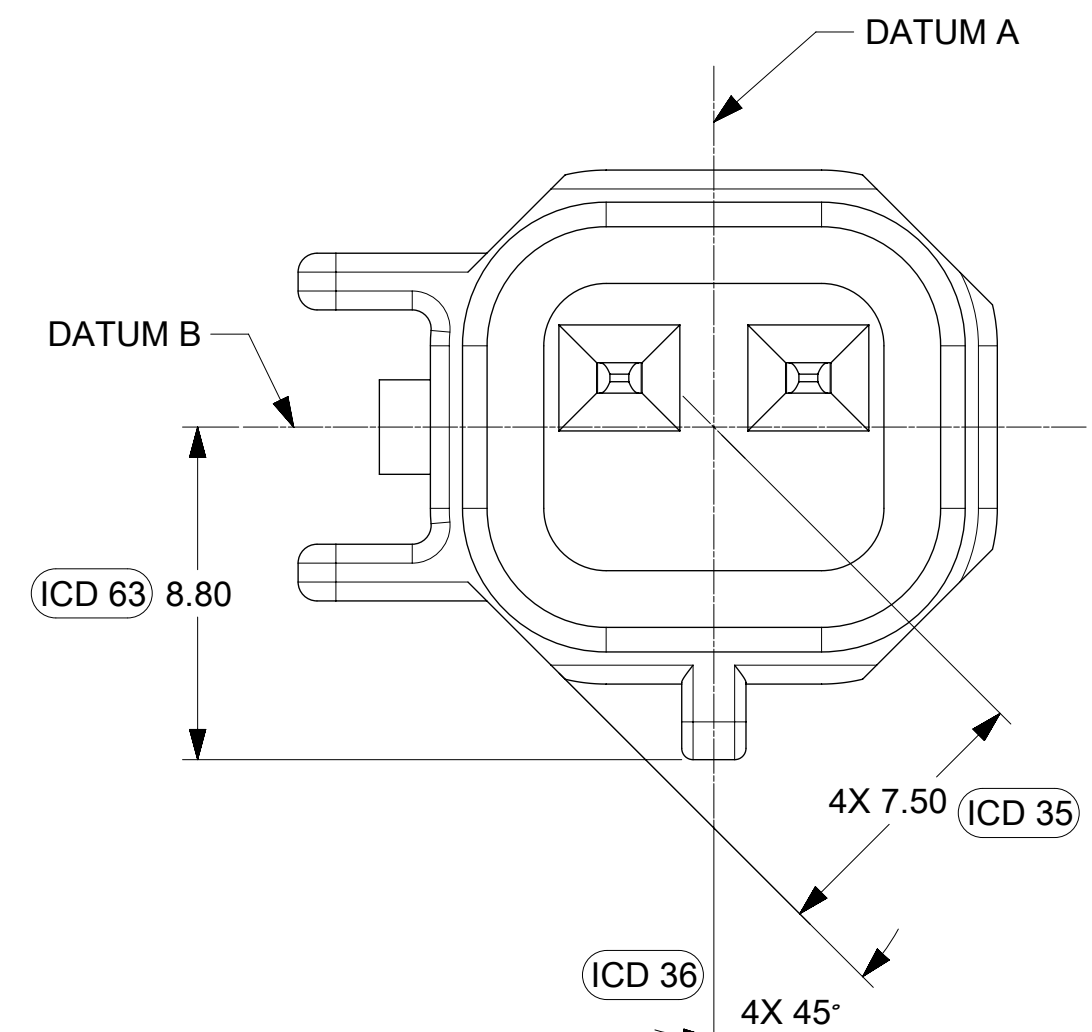
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION UNITS		SCALE		molex® MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH)			
= 0	EC NO: 117955 DRWN: PKABBUR CHKD: KDEKOSKI REV: APPR: KDEKOSKI	2017/05/15	2017/06/14	MM		4:1							
= 0		ANGULAR TOL ± 3.0 °		DRWN BY		DATE							
= 0		4 PLACES ±		KCUNNINGHAM		2011/11/08							
= 0		3 PLACES ±		CHK'D BY		DATE							
= 0		2 PLACES ± 0.1		MVANSLAMBROU		1/26/2012							
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= 0		0 PLACES ±		KDEKOSKI		2017/06/14							
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION							
= 0		J19	REV					34062		SEE NOTE 2a		GENERAL MARKET	
						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
						SD-34062-002		PSD		000		4 OF 5	



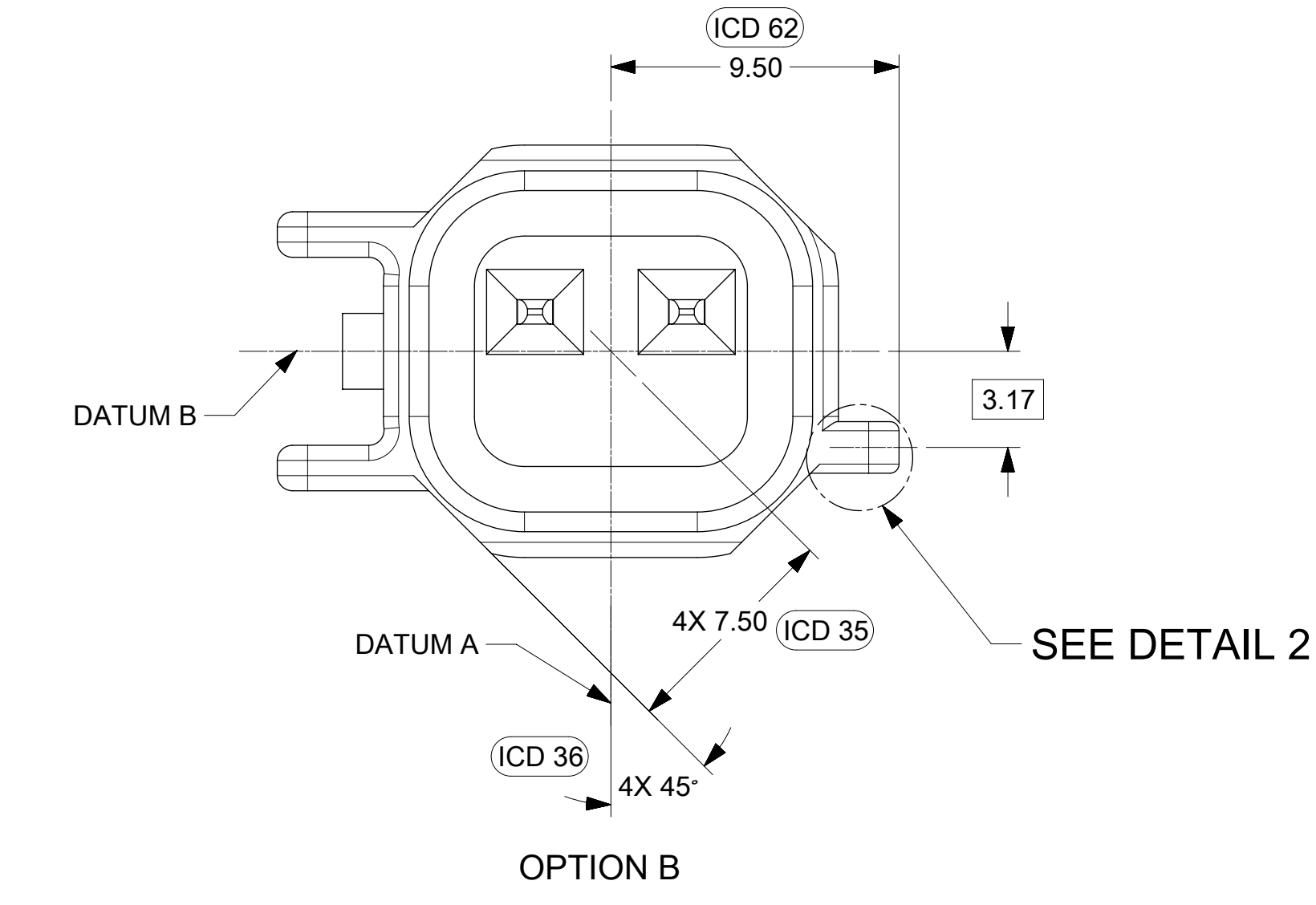
OPTIONS A, C, D
(SAME INTERFACE)



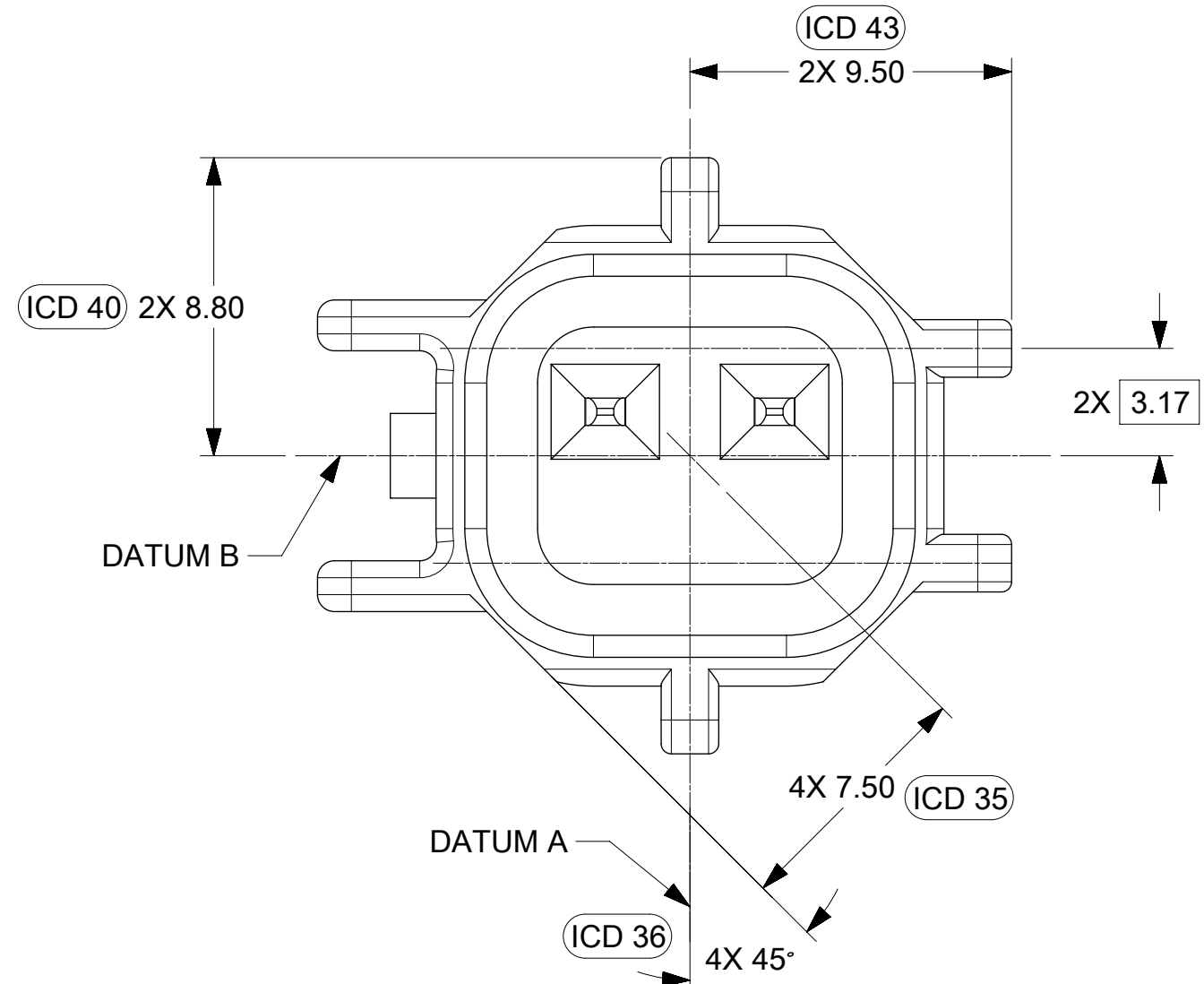
OPTION G



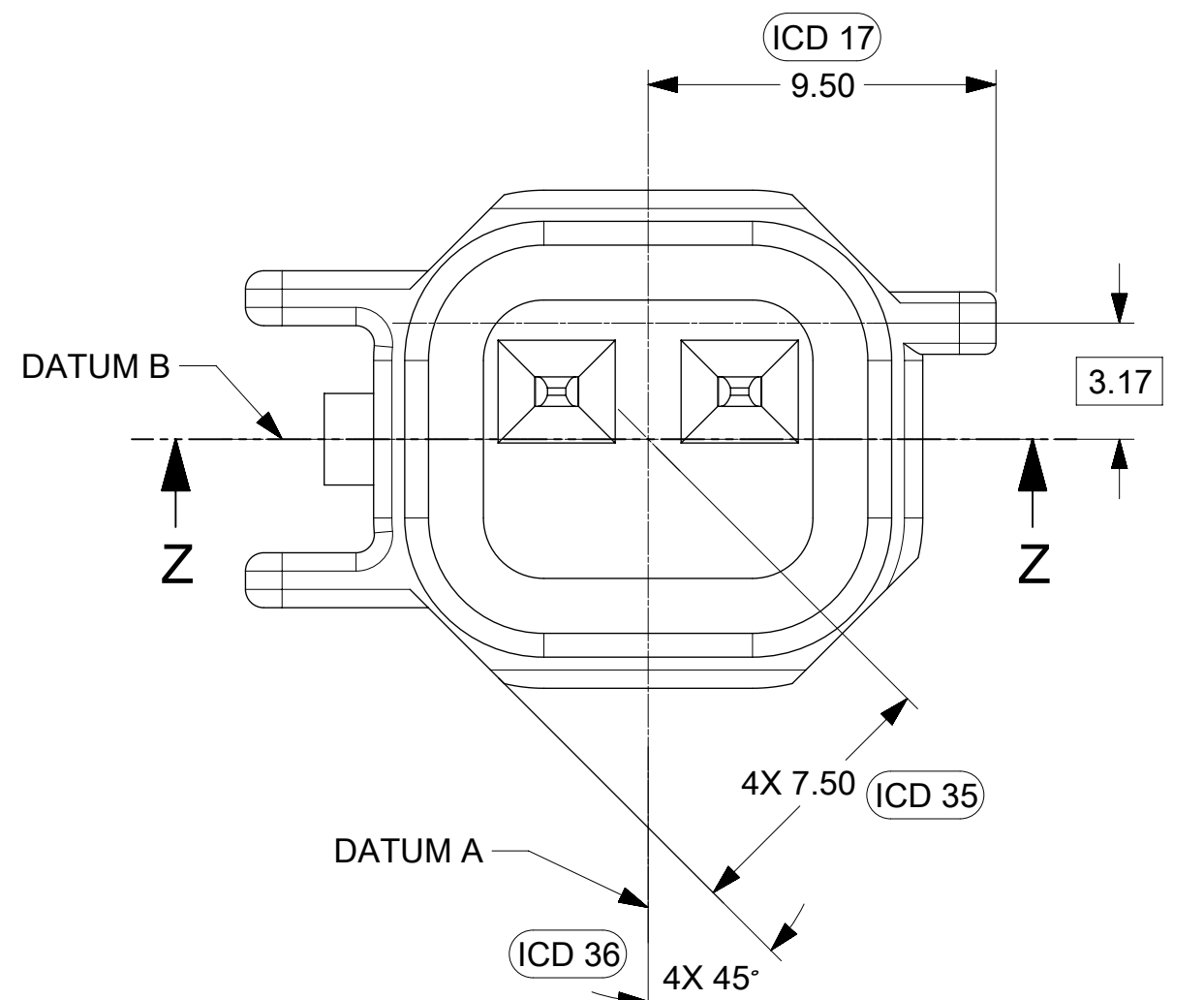
OPTION H



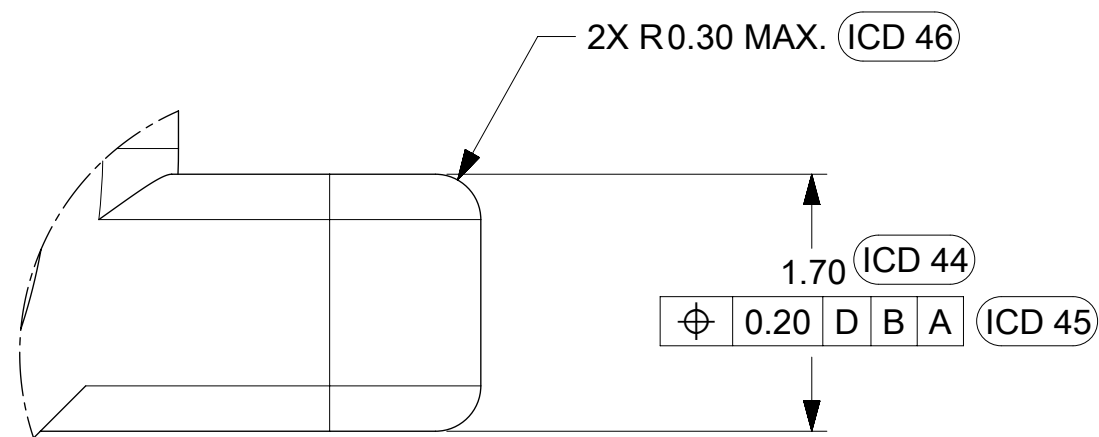
OPTION B



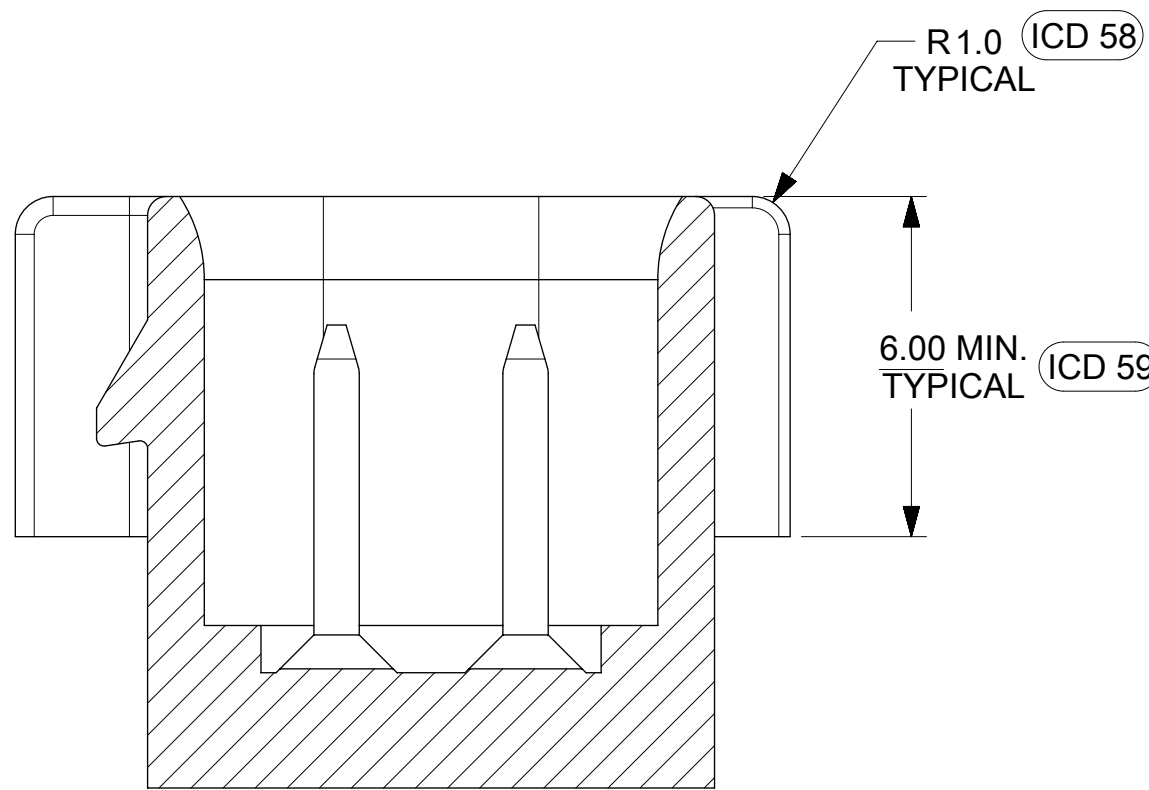
OPTION E



OPTION F

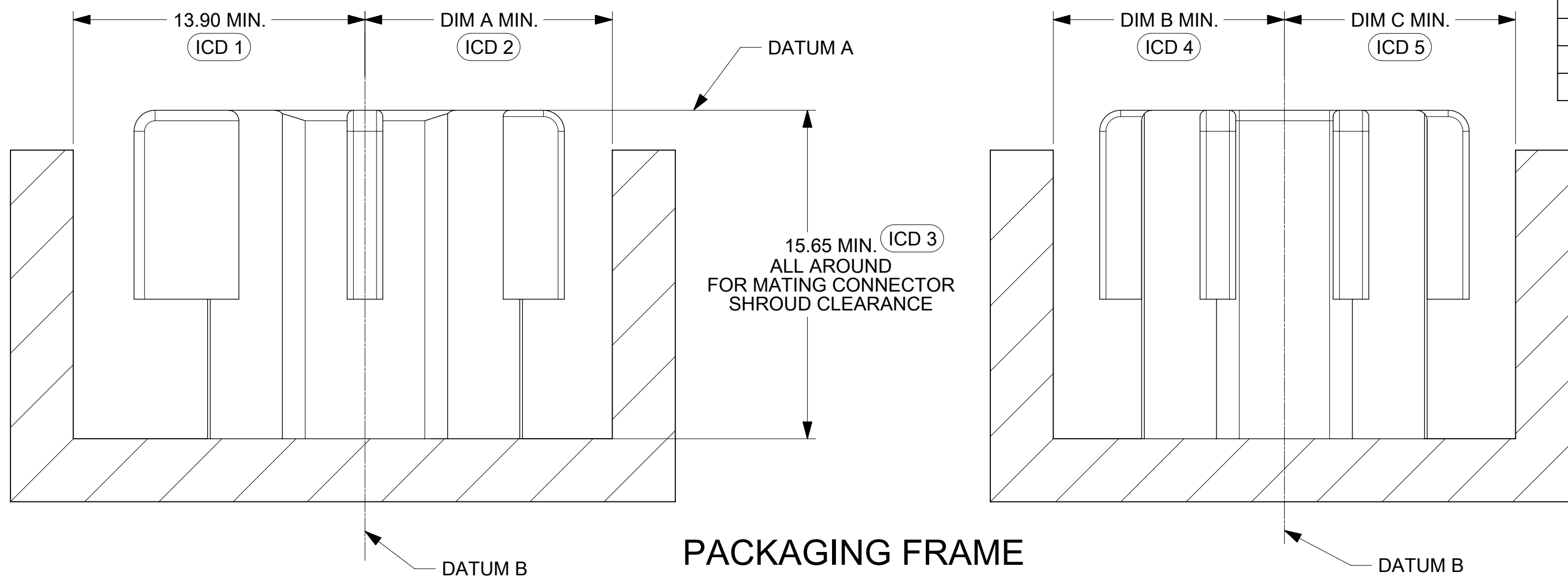


DETAIL 2
SCALE 20:1
TYPICAL
SEE KEYING OPTIONS VIEWS FOR POSITIONS



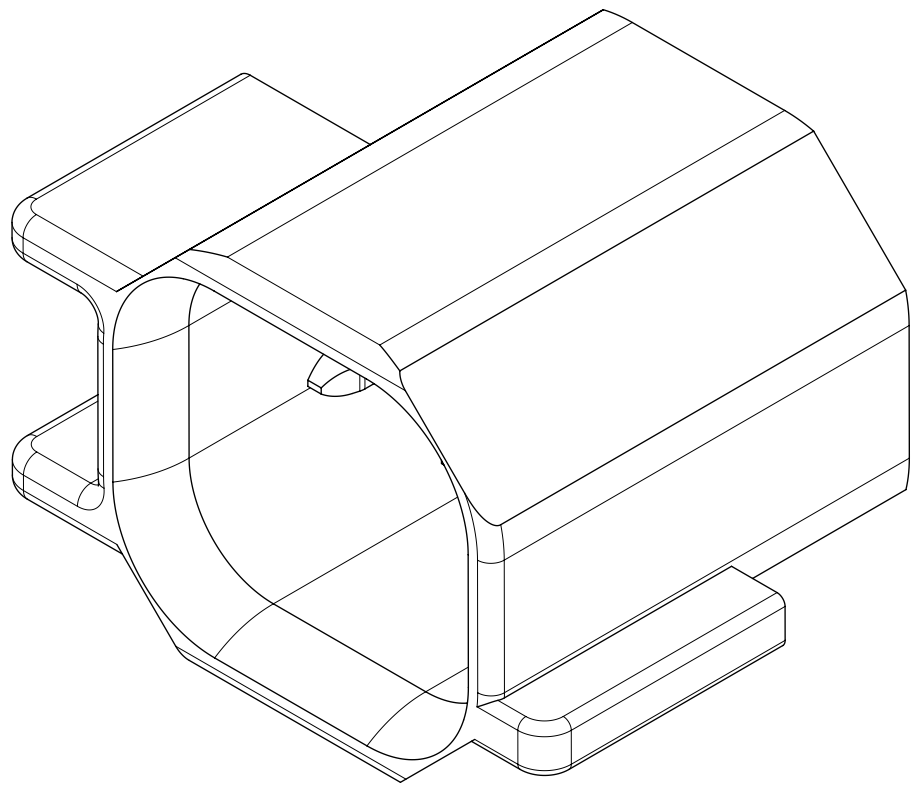
SECTION Z-Z
SEE KEYING OPTION VIEWS FOR POSITIONS

IF A HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD.



PACKAGING FRAME

KEY OPTION	DIMENSIONS		
	DIM A	DIM B	DIM C
A, C, D	9.90	9.20	9.20
B	11.80	9.20	9.20
E	11.80	11.00	11.00
F	11.80	9.20	9.20
G	9.90	9.20	11.00
H	9.90	11.00	9.20



OPTION B

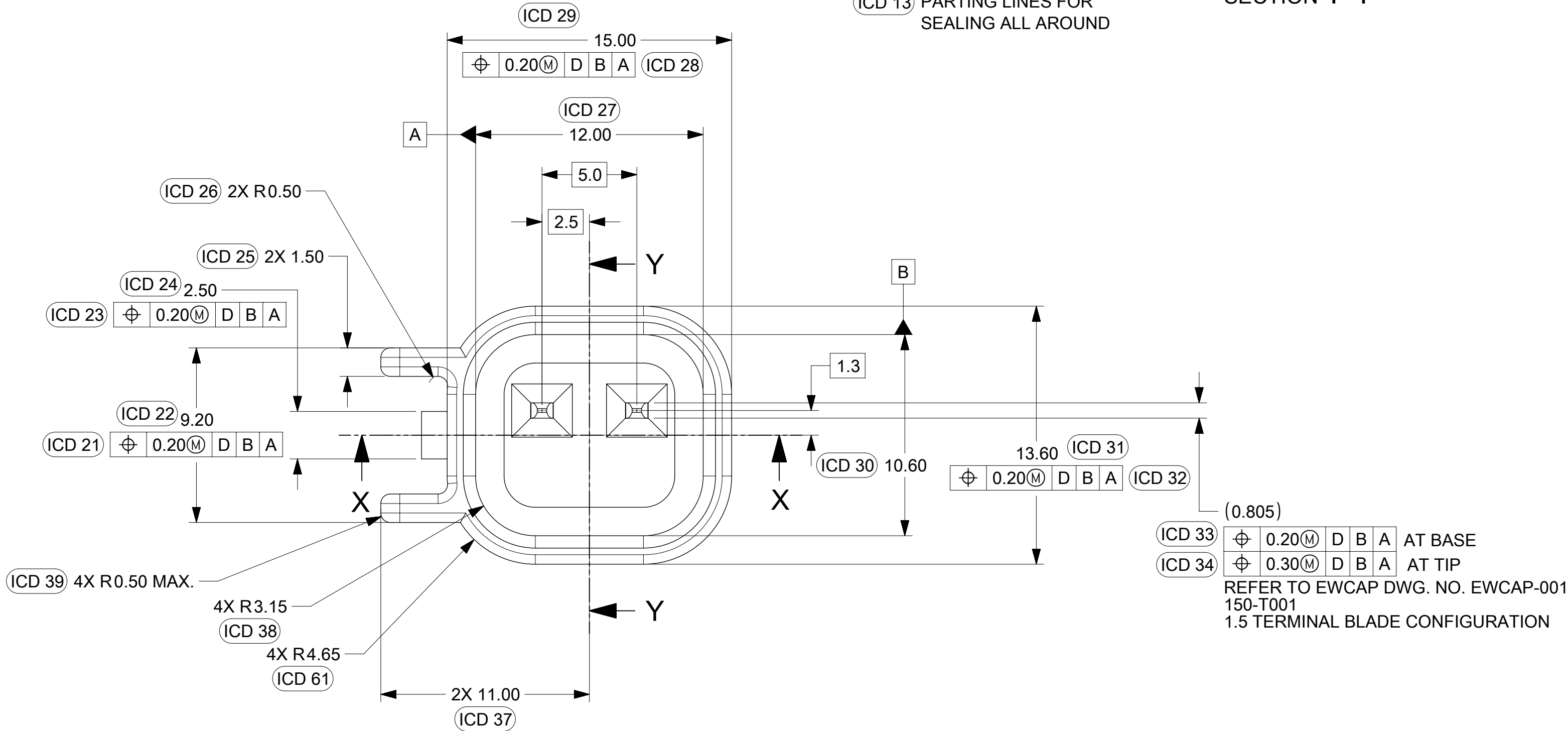


DETAIL 1
SCALE 10:1

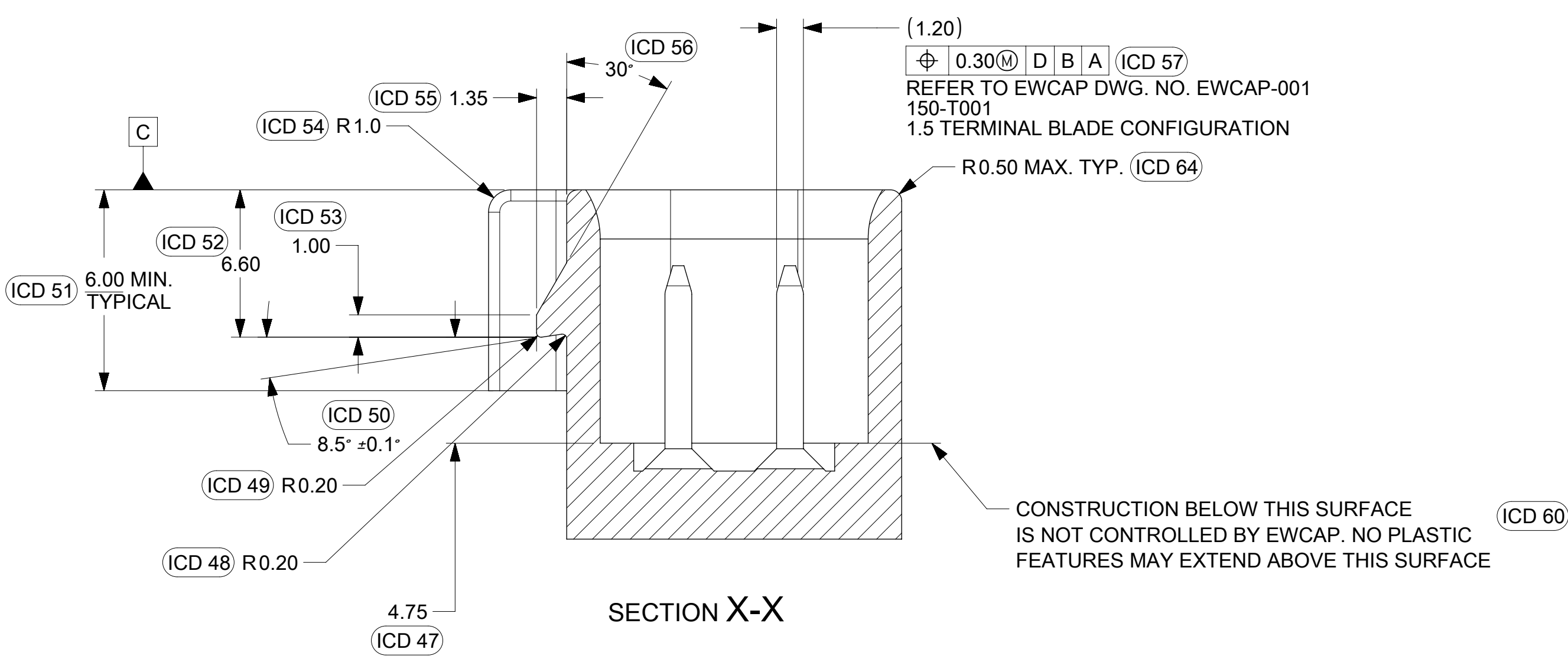
SEE DETAIL 1

SURFACE MUST BE FREE
OF SURFACE DEFECTS AND
PARTING LINES FOR
SEALING ALL AROUND

SECTION Y-Y



ICD 33 ϕ 0.20 D B A AT BASE
ICD 34 ϕ 0.30 D B A AT TIP
REFER TO EWCAP DWG. NO. EWCAP-001
150-1001
1.5 TERMINAL BLADE CONFIGURATION



SECTION X-X

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS SHOWN IN MILLIMETERS.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
- 0.25 RADII ON ALL CORNERS SHOWN SHARP.
- UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
- STANDARD COLORS FOR POLARIZATION (SEE CHART).
DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
- REFER TO SAE/USCAR 12 CONNECTOR GUIDELINES
FOR ADDITIONAL REQUIREMENTS.
- EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE
WITHIN TOLERANCE.
- SYMBOL INDICATES DRAFT DIRECTION.
- FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS
AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS
DRAWING SEE EWCAP DWG. NO. EWCAP-001
- A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED
TO ENSURE THAT THE CONNECTOR-HEADER POLARIZATION
FEATURES (OPTIONS A THRU H) WILL FUNCTION. THE FULL
SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER
PINS. REFER TO SAE/USCAR-12 CONNECTOR DESIGN
GUIDE LINES FOR ADDITIONAL INFORMATION.
- REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE
<http://www.uscarteams.org>
- 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.

A, C, D	BLACK	A	
B	LIGHT GRAY	B	
E	BLACK	E	NOT RECOMMENDED MATING CONNECTOR IS UNIVERSAL
F	LIGHT GRAY	D	
G	BLACK	C	
H	LIGHT GRAY	F	
OPTION	COLOR	SIMILAR TO AFL DRAWING R63461 (OPTION GEOMETRY IDENTICAL)	COMMENTS
RELEASE STATUS	RELEASE DATE		

QUALITY SYMBOLS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	=	0	EC NO: 117955 DRWN: PKABUR CHKD: KDEKOSKI REV APPR: 2017/05/15 2017/06/14	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE							
	=	0			MM		5:1							
	=	0			DRWN BY		DATE							
	=	0			ANGULAR TOL ± 3.0 °		KCUNNINGHAM		2011/11/08		MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH)			
	=	0			4 PLACES ±		CHK'D BY		DATE					
	=	0			3 PLACES ±		MVANSLAMBROU		1/26/2012					
	=	0			2 PLACES ± 0.1		APPR BY		DATE		PRODUCT CUSTOMER DRAWING			
	=	0			1 PLACE ± 0.3		KDEKOSKI		2017/06/14					
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	=	0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		E				SERIES	MATERIAL NUMBER		CUSTOMER
	=	0	J19	REV					34062	N/A		GENERAL MARKET		
	=	0							DOCUMENT NUMBER		SD-34062-002	DOC TYPE	DOC PART	SHEET NUMBER
												PSD	000	5 OF 5

molex®

MX150 2 WAY CABLE SEAL
RECEPTACLE CONN. SYSTEM (5.0MM PITCH)

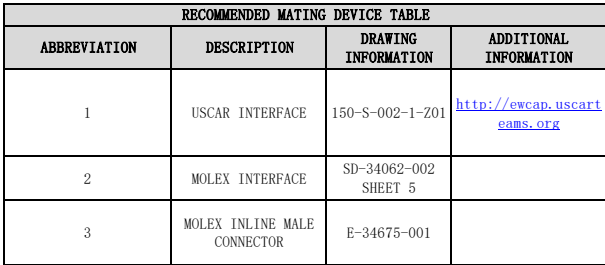
34062 N/A

DOC NUMBER SD-34062-002

DOC TYPE PSD

DOC PART 000

SHEET NUMBER



BOM/ APPLICABLE COMPONENTS TABLE			
ABBREVIATION	DESCRIPTION		MATERIAL
A-BLK	HOUSING	OPTION A	PA6 GF30
B-LG	HOUSING	OPTION B	PA6 GF30
B-BLK	HOUSING	OPTION B	PA6 GF30
C-BLK	HOUSING	OPTION C	PA6 GF30
D-BLK	HOUSING	OPTION D	PA6 GF30
D-LG	HOUSING	OPTION D	PA6 GF30
E-BLK	HOUSING	OPTION E	PA6 GF30
F-LG	HOUSING	OPTION F	PA6 GF30
G-BLK	HOUSING	OPTION G	PA6 GF30
A-BLK-CLIP	HOUSING	OPTION A WITH CLIPSLOT	PA6 GF30
B-LG-CLIP	HOUSING	OPTION B WITH CLIPSLOT	PA6 GF30
B-BLK-CLIP	HOUSING	OPTION B WITH CLIPSLOT	PA6 GF30
C-BLK-CLIP	HOUSING	OPTION C WITH CLIPSLOT	PA6 GF30
D-BLK-CLIP	HOUSING	OPTION D WITH CLIPSLOT	PA6 GF30
D-LG-CLIP	HOUSING	OPTION D WITH CLIPSLOT	PA6 GF30
A-BLK-SV	HOUSING	OPTION A - SEVERE VIBRATION	PA6 GF30
C-BLK-SV	HOUSING	OPTION C - SEVERE VIBRATION	PA6 GF30
D-BLK-SV	HOUSING	OPTION D - SEVERE VIBRATION	PA6 GF30
R3	RING SEAL TEMP. CLASS 3		INHERENTLY LUBRICATED SILICONE
R4	RING SEAL TEMP. CLASS 4		INHERENTLY LUBRICATED SILICONE
CPA	CPA		PBT GF30
TPA	INSERT, TPA		PBT GF30

FOR ADDITIONAL INFORMATION SEE SD-34062-002

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT				ASSEMBLY OPERATING TEMPERATURE	RECOMMENDED MATING DEVICE			PRODUCTION TOOL STATUS	COMMENTS	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					1	2	3			
		HOUSING OPTION/COLOR	TPA	CPA	RING SEAL							
OPTION A, BLACK, W/O CPA	34062-0021	A-BLK	TPA		R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION B, LIGHT GRAY, W/O CPA	34062-0022	B-LG	TPA		R3	-40° C TO 125° C	1	2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION C, BLACK, W/O CPA	34062-0023	C-BLK	TPA		R3	-40° C TO 125° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION D, BLACK, W/O CPA	34062-0024	D-BLK	TPA		R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION D, LIGHT GRAY, W/O CPA	34062-0029	D-LG	TPA		R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION A, BLACK, W/ CPA	34062-0025	A-BLK	TPA	CPA	R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION B, LIGHT GRAY, W/ CPA	34062-0026	B-LG	TPA	CPA	R3	-40° C TO 125° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION C, BLACK, W/ CPA	34062-0027	C-BLK	TPA	CPA	R3	-40° C TO 125° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION D, BLACK, W/ CPA	34062-0028	D-BLK	TPA	CPA	R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION D, LIGHT GRAY, W/ CPA	34062-0030	D-LG	TPA	CPA	R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION A, BLACK, WITH CLIPSLOT, W/O CPA	34062-0031	A-BLK-CLIP	TPA		R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	34062-0032	B-LG-CLIP	TPA		R3	-40° C TO 125° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION C, BLACK, WITH CLIPSLOT, W/O CPA	34062-0033	C-BLK-CLIP	TPA		R3	-40° C TO 125° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION D, BLACK, WITH CLIPSLOT, W/O CPA	34062-0034	D-BLK-CLIP	TPA		R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION D, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	34062-0035	D-LG-CLIP	TPA		R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION A, BLACK, WITH CLIPSLOT, W/ CPA	34062-0036	A-BLK-CLIP	TPA	CPA	R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION B, LIGHT GRAY, WITH CLIPSLOT, W/ CPA	34062-0037	B-LG-CLIP	TPA	CPA	R3	-40° C TO 125° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION C, BLACK, WITH CLIPSLOT, W/ CPA	34062-0038	C-BLK-CLIP	TPA	CPA	R3	-40° C TO 125° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION D, BLACK, WITH CLIPSLOT, W/ CPA	34062-0039	D-BLK-CLIP	TPA	CPA	R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION D, LIGHT GRAY, WITH CLIPSLOT, W/ CPA	34062-0040	D-LG-CLIP	TPA	CPA	R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION A, BLACK, SEVERE VIBRATION, W/ CPA	34062-4006	A-BLK-SV	TPA	CPA	R4	-40° C TO 155° C	1	2		SALEABLE		
OPTION C, BLACK, SEVERE VIBRATION, W/ CPA	34062-4008	C-BLK-SV	TPA	CPA	R4	-40° C TO 155° C	1	2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION D, BLACK, SEVERE VIBRATION, W/ CPA	34062-4009	D-BLK-SV	TPA	CPA	R4	-40° C TO 155° C	1	2		SALEABLE		
OPTION E, BLACK, W/O CPA	34062-0041	E-BLK	TPA		R4	-40° C TO 155° C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION F, LIGHT GRAY, W/O CPA	34062-0042	F-LG	TPA		R4	-40° C TO 155° C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION G, BLACK, W/O CPA	34062-0043	G-BLK	TPA		R4	-40° C TO 155° C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION E, BLACK, W/ CPA	34062-0044	E-BLK	TPA	CPA	R4	-40° C TO 155° C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION F, LIGHT GRAY, W/ CPA	34062-0045	F-LG	TPA	CPA	R4	-40° C TO 155° C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION G, BLACK, W/ CPA	34062-0046	G-BLK	TPA	CPA	R4	-40° C TO 155° C		2		SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION A, BLACK, W/ CPA	34062-0047	A-BLK	TPA	CPA	R3	-40° C TO 125° C	1	2		SALEABLE		
OPTION B, LIGHT GRAY, W/O CPA	34062-0048	B-LG	TPA		R4	-40° C TO 155° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION C, BLACK, W/O CPA	34062-0049	C-BLK	TPA		R4	-40° C TO 155° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION B, LIGHT GRAY, W/ CPA	34062-0050	B-LG	TPA	CPA	R4	-40° C TO 155° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	
OPTION C, BLACK, W/ CPA	34062-0051	C-BLK	TPA	CPA	R4	-40° C TO 155° C	1	2	3	SALEABLE	PREFERRED, FULLY SHROUDED	</