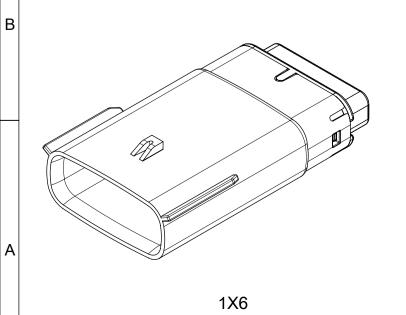
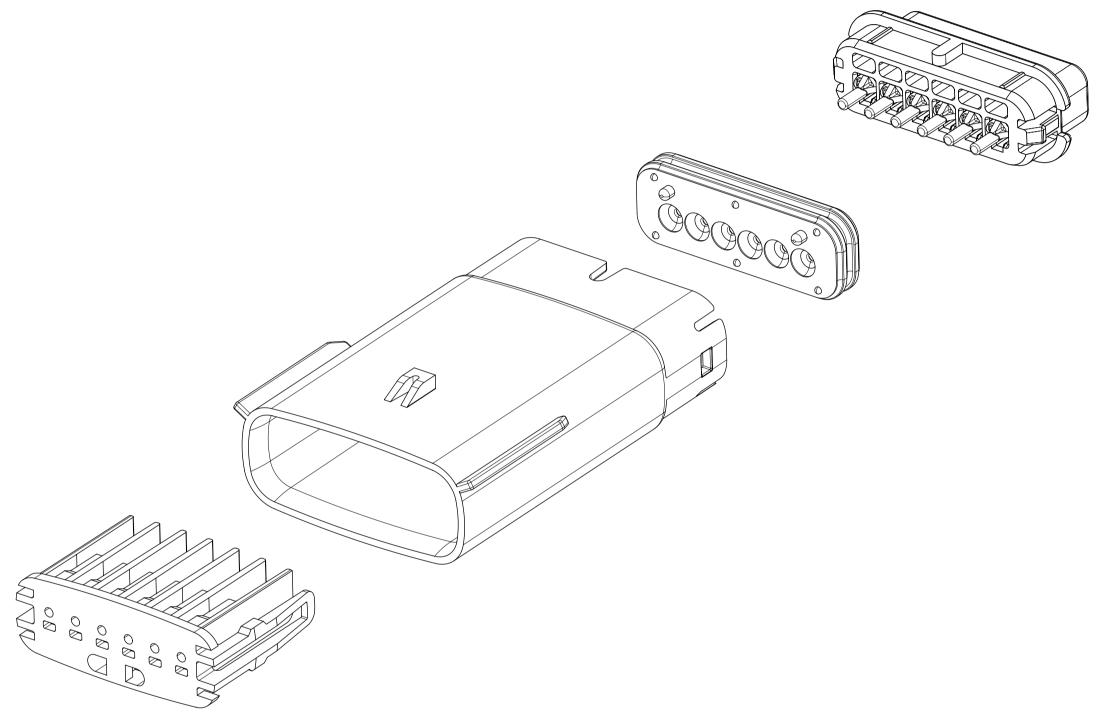
18 17 16	15 14 13 12 11 10 9	8 7 6	5
SHEET NO. SHEET DESCRIPTION 1 NOTES AND BOM			
L 2 CONFIGURATIONS	NOTES: VALID UNLESS OTHERWISE SPECIFIED		
3-4 KEY CONFIGURATIONS	1. GENERAL:		
5 BLADE SEALED ASSEMBLY	a. APPLICATION SPECIFICATION SEE: AS-33472-100		
6 SYSTEM PACKAGING	-CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY,		
7 BACKSHELL NOTES 8 BACKSHELL	CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY		
9 BACKSHELL CONFIGURATIONS	CHECKING, CRIMPING, AND TROUBLESHOOTING.		
	-DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN THE MATING CONNECTOR DRAWINGS CHART.		
κ	*DENOTES DRAWINGS THAT CAN BE ACCESSED AT http://ewcap.uscarteams.org/		
	-ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION		
	(SEE PLR PRE-LOCK VIEW SHEET 5).		
	b. PRODUCT SPECIFICATION SEE:		
	-STANDARD CONFIGURATION: PS-33471-000 -UL V0 CONFIGURATION: PS-160105-0001		
	CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY,		
	RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY),		
J	TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS. c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635 (PK-33471-000 FOR 1X5)		
	d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR		
	PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300 e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS		
	(COMPANY ID#13255)		
	2. DESIGN - MATERIALS: a. FOR BILL OF MATERIALS SEE:		
H	-STANDARD CONFIGURATION: SD-33481-0002		
	-UL V0 CONFIGURATION: SD-160106-0002		
	3. DESIGN - GEOMETRY:		
	a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN		
1X2	ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.		
	b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009		
G	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		
F	3. SHIFT		
	4. YEAR FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.		
			\sim
_			



E

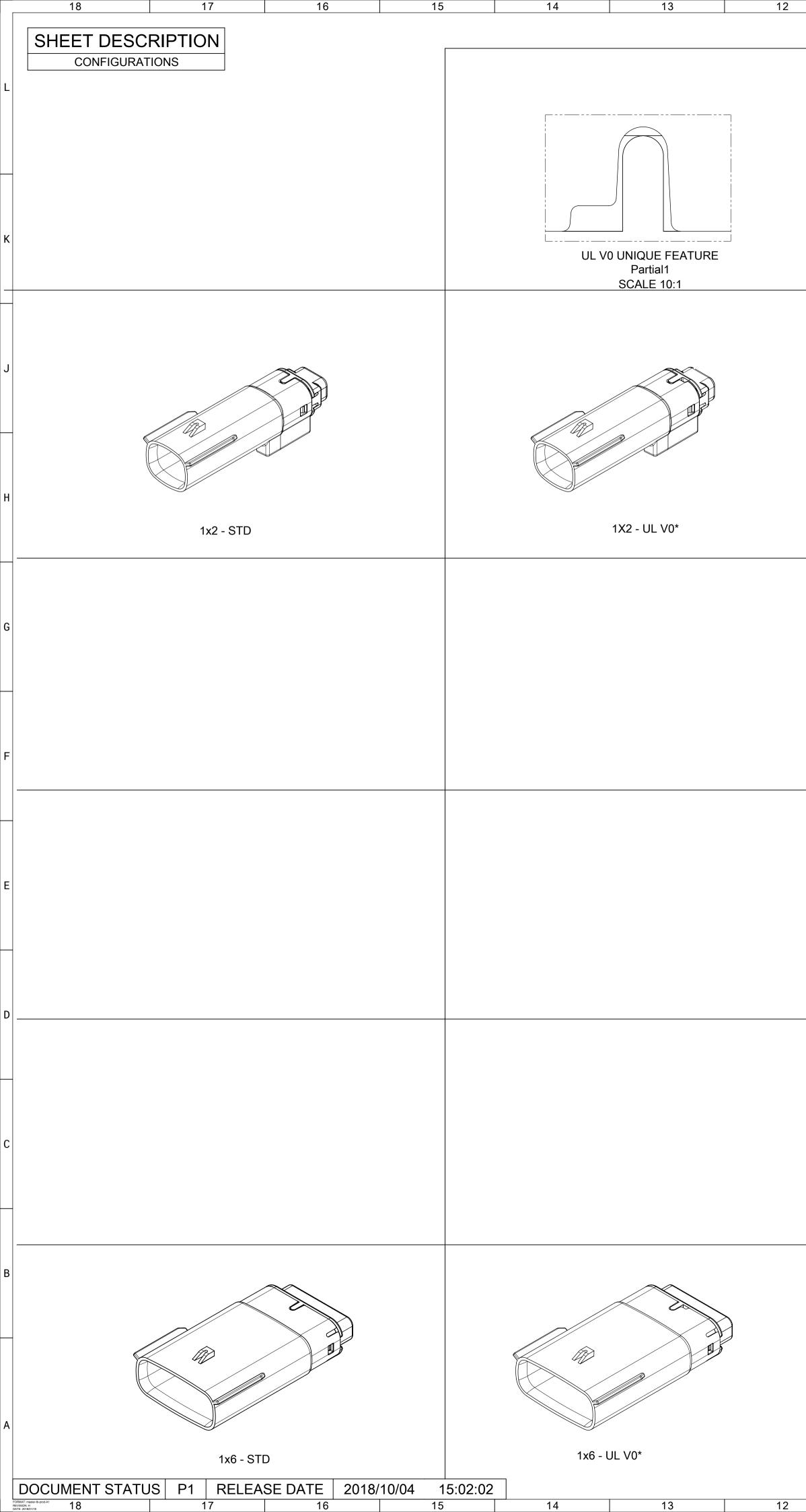
C

DOCUMENT STATU			SE DATE	2018/	10/04	15:02:02			
FORMAT: master-tb-prod-A1 REVISION: H DATE: 2018/01/18 18	. 1	7	16			15	14	13	12



	5									
					ſ					[
					-	A1 A	NX REMASTERING DRAWING NUMBE PS-160105-0001 T NOTES 1.b MINOR GEOMETR	ER FROM O PS-16	1 0074-00	
				NSPECTION N		2	UPDATE		SETS	
			A	NDDED: REMOVED:						
SYMBOLS	THIS DRAWING CONTAINS INFO	DRMATION THAT IS PROPRIE				REV		ESCRIPT		RMISSION
		CURRENT REV DESC	C:				nala			E
	MM ONLY 1.5:1 GENERAL TOLERANCES						noie			
	(UNLESS SPECIFIED)									
F = 0	ANGULAR TOL ± 1.0 °	EC NO: 602373	V01	2010/05/25			MX150 BLADE OW SEALED AS			F
<u> </u>	4 PLACES ±	DRWN: DSHETT CHK'D: MVANSL		2018/05/25 2018/10/04	Since		OW SEALED AS		JEAL	
= 0	3 PLACES ±	APPR: MVANSL		2018/10/04	PI	ROD	UCT CUSTOMER		ING	
√⊂∕ = 0	2 PLACES ± 0.1	INITIAL REVISIO	N:		DOCUMENT NUMBE				DOC PART	
⊠ = 0	1 PLACE ± 0.2	DRWN: APROFF		2015/07/21	SD-3	324	81-0001	PSD	001	A1
= 0	0 PLACES ± DRAFT WHERE APPLICABLE	APPR: KDEKOS		2016/06/14 SERIES					SHEET N	
= 0	MUST REMAIN	+	A1-SIZE	33481	SEE NOTE		GENERAL MA	RKFT		OF 9
- ○ 7	WITHIN DIMENSIONS	5			3		2			

MATING CONNECTOR DRAWINGS									
DESCRIPTION	MOLEX INLINE								
1X2	SD-33471-0001								
1X6	SD-33471-0001								



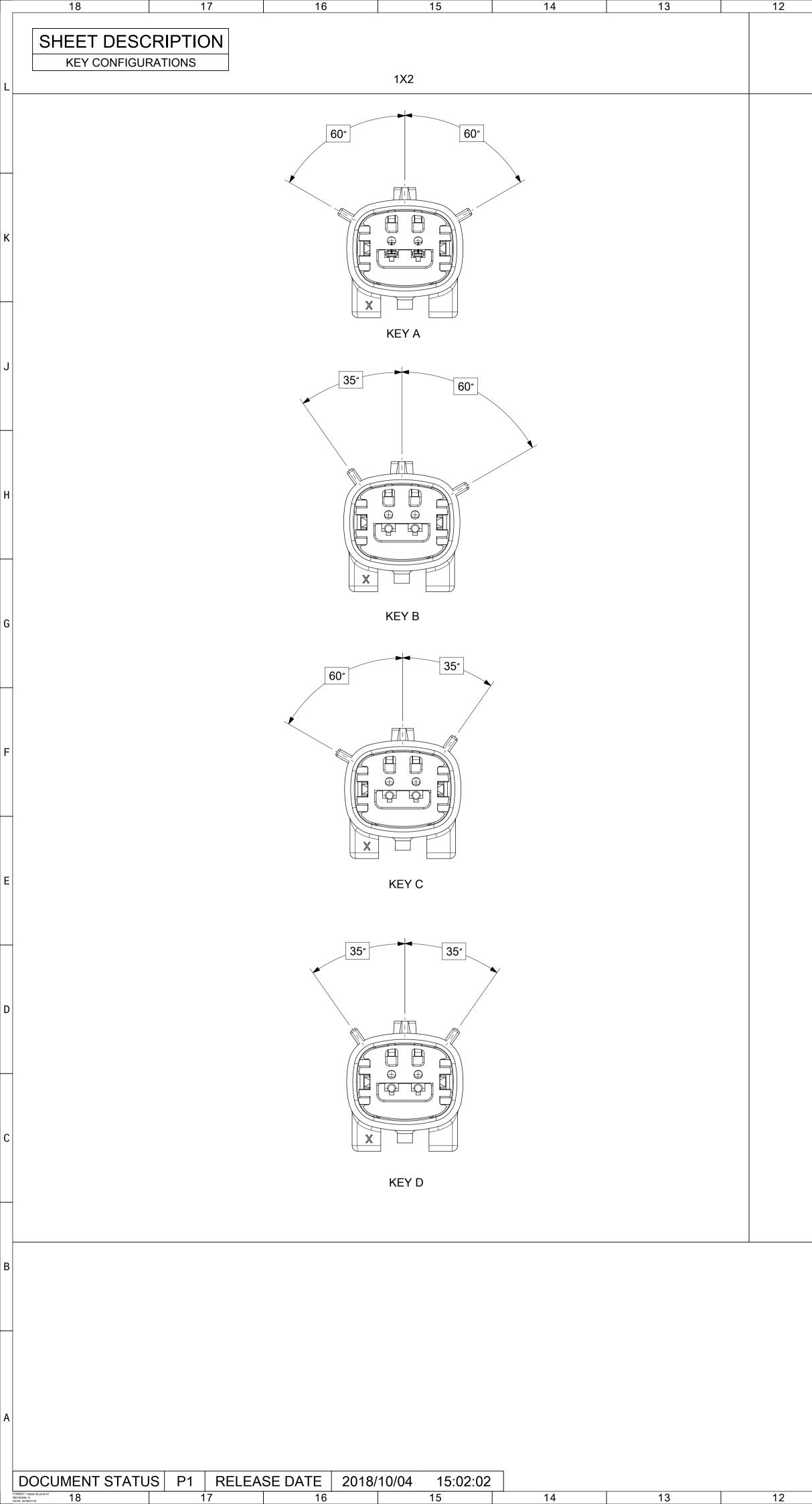
4.4	10	<u>^</u>	0		<u>^</u>	–	1 4	0	0	4
11	1 10	u u	I X		ĥ	5				
	1 10	5	0	1 1 1	0	J	· ·		2	

* MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION. SEE NOTES 1 & 2 FOR MORE INFORMATION

	SYMB		THIS DRAWING C	ONT	AINS INF	ORMATION TH	HAT IS PR
			DIMENSION UNITS		SCALE	CURREN	T REV
	₩ =	0	MM ONLY	1	.5:1		
7		0	GENERAL TOL (UNLESS SF				
		0	ANGULAR TOL		, 1.0 °	EC NO:	
7	<u> </u>	0	4 PLACES	±		DRWN:	DSHI
.		0				CHK'D:	MVA
	₩ =	0	3 PLACES	±		APPR:	MVA
	<u> </u>	0	2 PLACES	±	0.1	INITIAL	REVI
	X =	0	1 PLACE	±	0.2	DRWN:	APR
		•	0 PLACES	±		APPR:	KDE
	=	0	DRAFT WHERE A	PPL	ICABLE	THIRD ANGLE	E PROJEC
7	<u>c⁄</u> =	0	MUST REI WITHIN DIME		\bigcirc		

11

PROPRIE	TARY TO MOLEX	ELECTRO	VIC TEC	CHNOLOGIES, LLC AN	ND SHO	DULD NOT BE USE	D W	ITHOUT WR	ITTEN PEF	RMISSION	
/ DESC	C:										E
						nol		F X			
373											
515				MX150 BLADE							
HETT	Y01	2018/0	5/25	SINGL	E RO	DW SEALED	AS	SY MAT	SEAL		
ANSL	AMBROU	2018/1	0/04								
ANSL	AMBROU	2018/1	0/04	PR	ODU	CT CUSTOM	IEF	R DRAW	ING]
/ISIO	N:			DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	1
ROFF	ITT	2015/	07/21		010	1 0001			004	Λ 1	1
EKOS	KI	2016/	06/14	20-3	540	1-0001		PSD	001	A1	
CTION	DRAWING	SERIE	S	MATERIAL NUMBER CUSTOMER SHEE				SHEET N	NUMBER		
]	A1-SIZE	3348	81	SEE NOTE 2a. GENERAL MA			SEE NOTE 2a. GENERAL MARKET		2 C	2 OF 9	
•	4			3		2			1		-



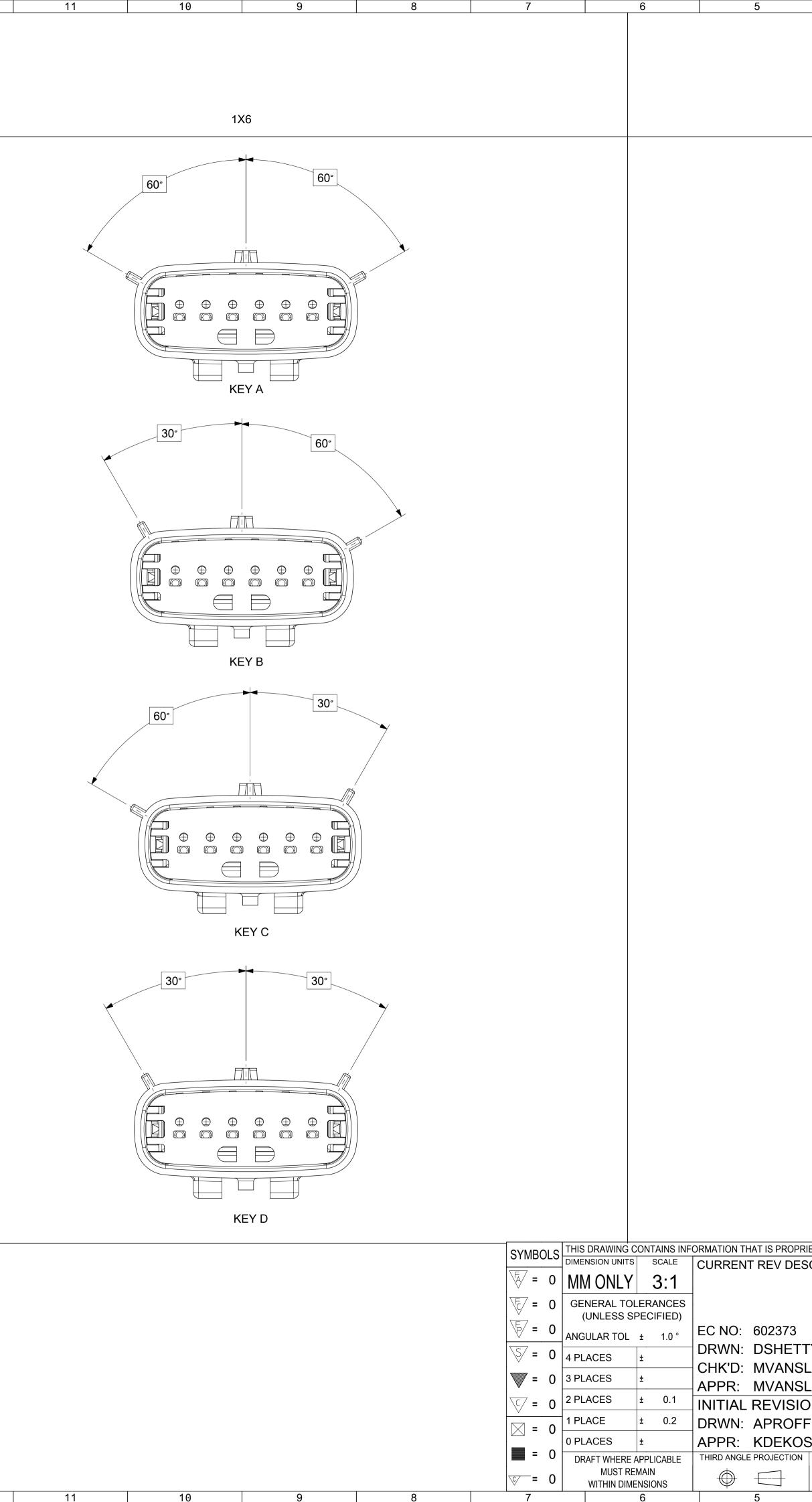
$\begin{array}{c} SYMBOLS\\ \hline \\ \hline$	11	10	9	8	F = 0	MUST REM WITHIN DIMEN		\bigcirc	5
$\overrightarrow{V} = 0$					= 0				
STMDULSDIMENSION UNITSSCALECURRENT REV I \boxed{V} = 0 $\boxed{MM ONLY}$ $3:1$ $\boxed{S:1}$ $$					□ = 0				
$\boxed{STMBOLS} \xrightarrow{\text{DIMENSION UNITS}} SCALE \\ \overrightarrow{MM ONLY} \xrightarrow{\text{SCALE}} CURRENT REV E \\ \overrightarrow{MM ONLY} \xrightarrow{\text{SCALE}} 3:1 \\ \overrightarrow{V} = 0 \\$					<u> </u>				
$\overrightarrow{STMIDOLS} \xrightarrow{\text{DIMENSION UNITS}} SCALE CURRENT REVIE \overrightarrow{S} = 0 MM ONLY 3:1 (UNLESS SPECIFIED) (UNLESS$					₩ = 0		<u> </u>		
$\overrightarrow{WHOOLS} \xrightarrow{\text{DIMENSION UNITS}} SCALE CURRENT REV IIII \overrightarrow{V} = 0 MM ONLY 3:1 (UNLESS SPECIFIED) (UNLESS SPECIFIED) (UNLESS SPECIFIED) EC NO: 60237 (ORCENT) = 0 (ORCEN$							<u></u>		
$\overrightarrow{F} = 0$ $\overrightarrow{MM ONLY}$ \overrightarrow{SCALE} $\overrightarrow{MM ONLY}$ \overrightarrow{SCALE} $\overrightarrow{MM ONLY}$ \overrightarrow{SCALE} $\overrightarrow{MM ONLY}$ \overrightarrow{SCALE} \overrightarrow					×		± 1.0 °		
$\frac{1}{10000000000000000000000000000000000$						(UNLESS SPI	ECIFIED)		60227
DIMENSION UNITS SCALE CURRENT REV I									
					x = 0			CURREN	I REV L
					SYMBOLS				

1	4							J	
1	A1-SIZE	33481	1 SEE NOTE 2a. GENERAL MARKET				ET 3 OF 9		
CTION	DRAWING	SERIES	S MATERIAL NUMBER CUSTOMER S				SHEET N	NUMBER	
KOS	KI	2016/06/1	4 SD-3.	J4C	31-0001	PSD	001	A1	
ROFF	ITT	2015/07/2		010	1 0001		001		A
ISIO	N:		DOCUMENT NUMBER	2		DOC TYPE	DOC PART		
NSL	AMBROU	2018/10/0	4 PR	ODU	ICT CUSTOME	R DRAW	ING		
NSL	AMBROU	2018/10/0	4	L					
IETT	Y01	2018/05/2	5 SINGL	ER	OW SEALED AS	SSY MAT	SEAL		
373					MX150 BLAC	ЭE			
				n	nole	BX			
DES									в
ROPRIE	OPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

5	4	3	2	1	
					L

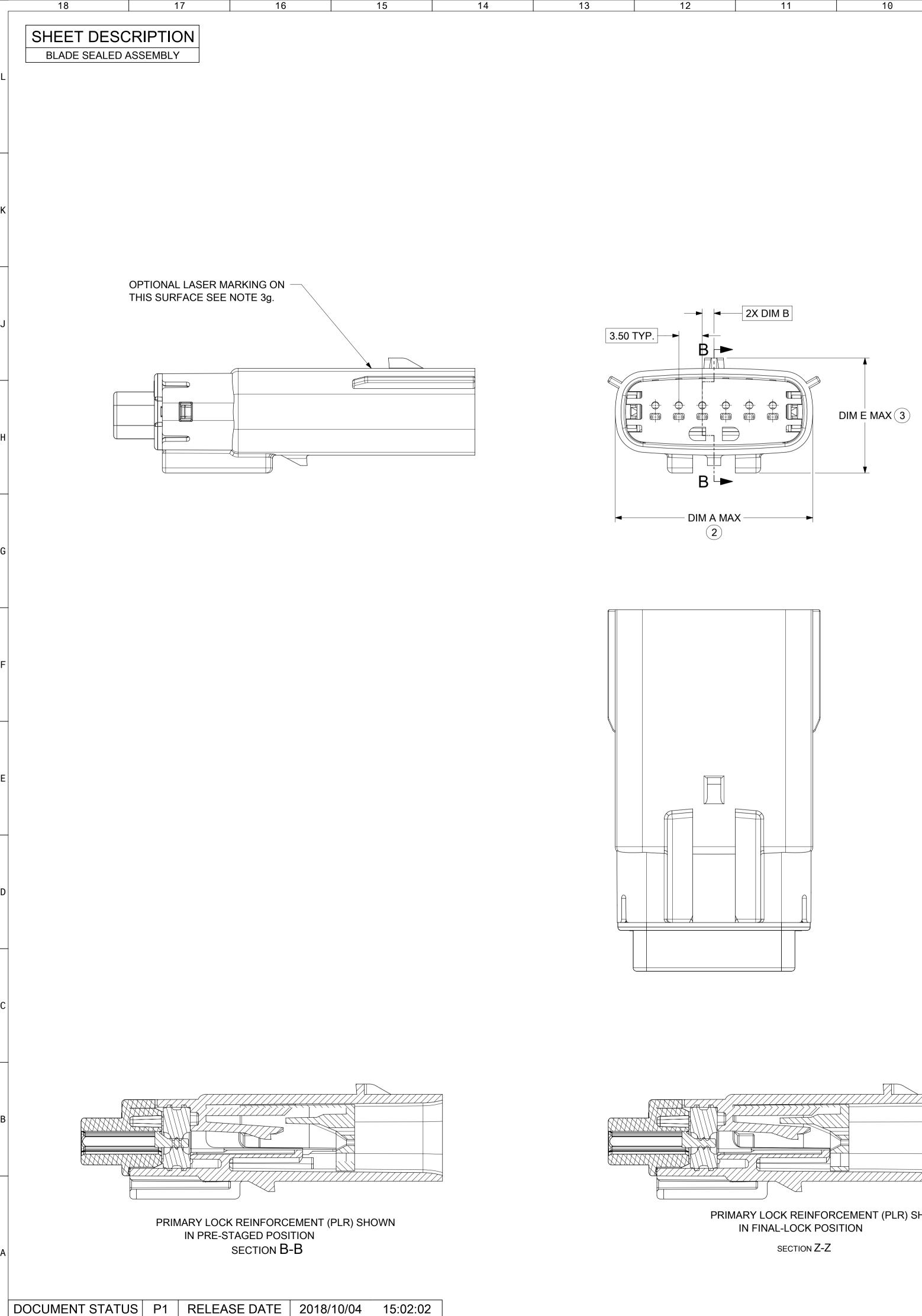
	18	17	16	15	14	13	12
	SHEET DESCRIF						
L							
к							
J							
J							
н							
G							
F							
E							
D							
с							
В							
А							
	DOCUMENT STATUS	P1 RELEASE	DATE 2018	/10/04 15:02:02			

			10/01 10/02/02			
FORMAT: master-tb-prod-A1 REVISION: H DATE: 2018/01/18	17	16	15	14	13	12



ROPRIE	TARY TO MOLEX	ELECTRONIC	C TEC	HNOLOGIES, LLC AN	ND SHO	OULD NOT BE USED V	VITHOUT WR	ITTEN PEF	RMISSION		
DESC	D:					nola				В	
						nole	7A				
373						MX150 BLAD)E				
IETT'	Y01	2018/05/	/25	SINGL	ERC	DW SEALED AS		SEAL			
ANSL	AMBROU	2018/10/	/04								
ANSL	AMBROU	2018/10/	/04	PR	ODU	CT CUSTOME	R DRAW	ING			
ISIO	N:		-	DOCUMENT NUMBER	DOCUMENT NUMBER DOC TYPE DOC PART REVISIO						
ROFF	ITT	2015/07/	//21	<u>ر</u> مع	010	1-0001		001		A	
KOS	KI	2016/06/	6/14	20-30	040	1-0001	PSD	001	A1		
CTION	DRAWING	SERIES		MATERIAL NUMBER		CUSTOMER	•	SHEET N	NUMBER		
}	A1-SIZE	33481	1	SEE NOTE 2a. GENERAL MARKET 4 OF					0F 9		
	4			3		2		1			

4	3	2	1



13

12

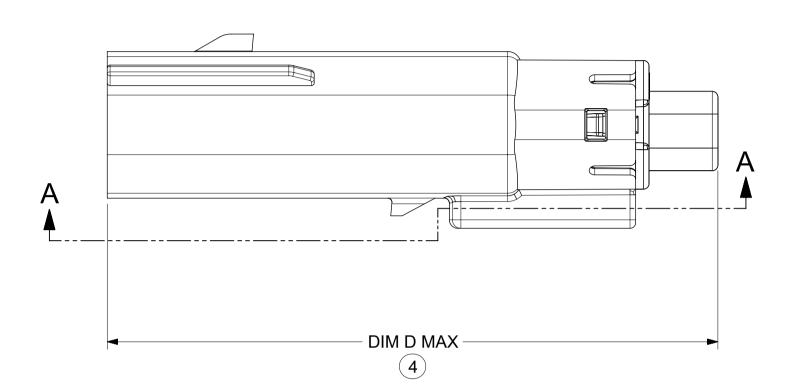
16

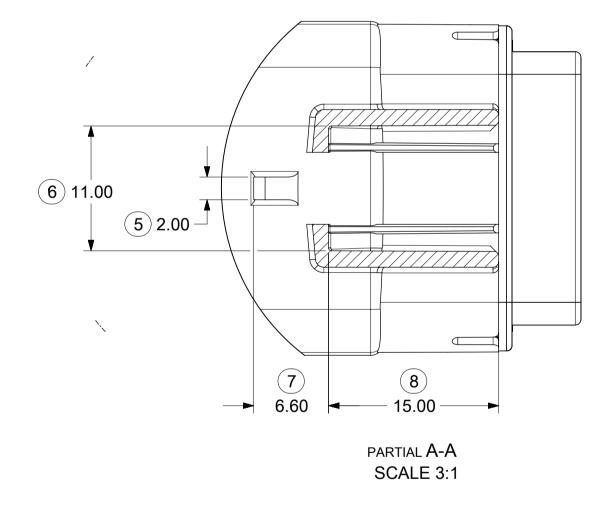
17

15

ORMAT: master-tb-prod-A1

	10	^	^		· •	
1 1 1	1.0	u u			, b	, h
	119			1 1	· · · · · · · · · · · · · · · · · · ·	
	10	0	U U U U U U U U U U U U U U U U U U U		, v	





PRIMARY LOCK REINFORCEMENT (PLR) SHOWN

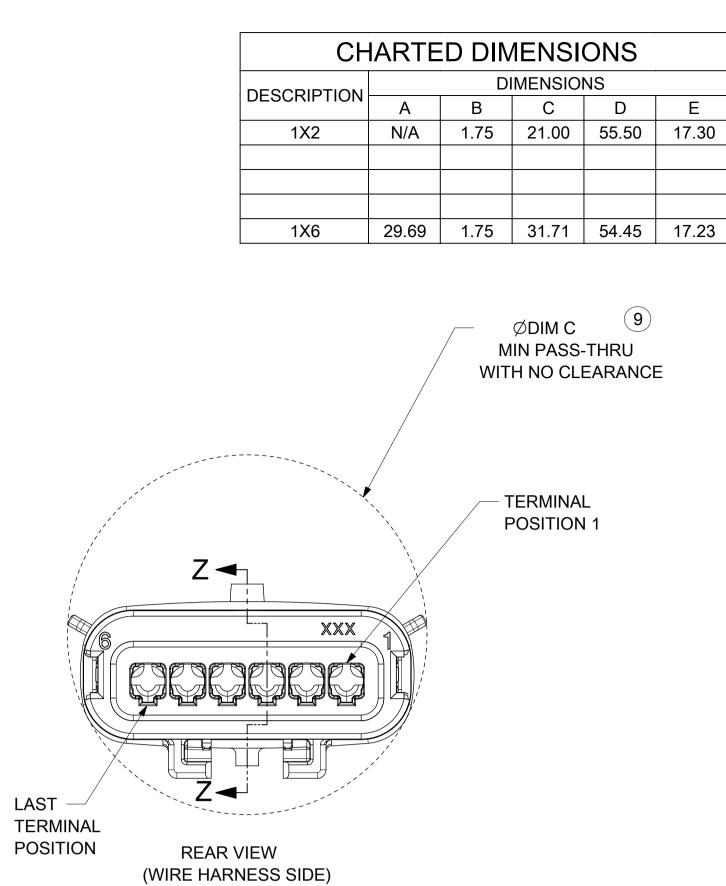
10

11

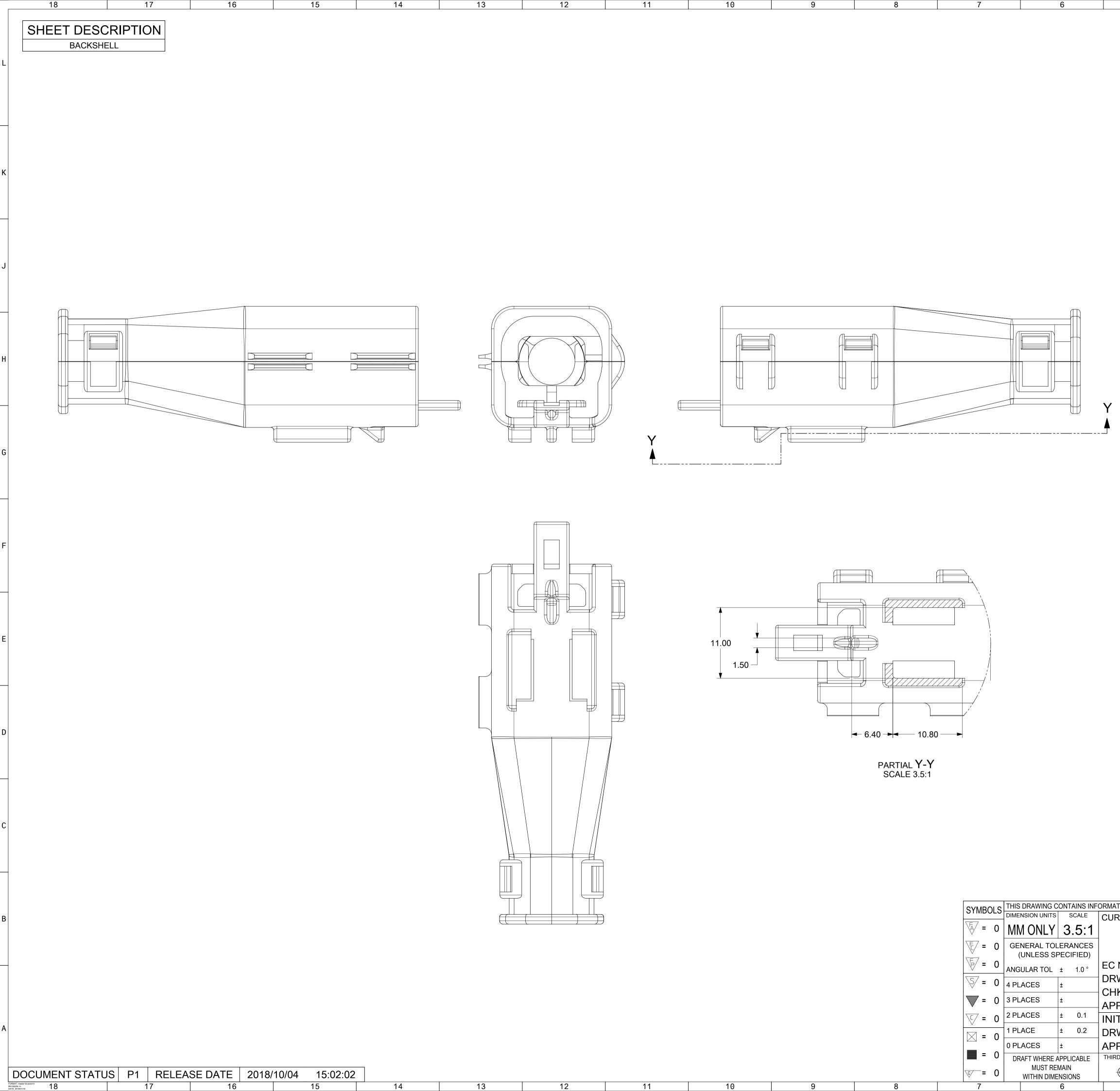
SYMBOLS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS SCALE CURRENT REV \checkmark = 0 MM ONLY 3:1 **GENERAL TOLERANCES** (UNLESS SPECIFIED) $\boxed{10^{\circ}} = 0$ ANGULAR TOL ± 1.0° EC NO: 60237 DRWN: DSHE 5 = 0 4 PLACES CHK'D: MVAN **The second seco** APPR: MVAN ∇ = 0 2 PLACES 0.1 INITIAL REVIS DRWN: APRO 1 PLACE 0.2 **=** 0 APPR: KDE 0 PLACES **T** = 0 DRAFT WHERE APPLICABLE THIRD ANGLE PROJECT MUST REMAIN \bigcirc <u>v</u> = 0 WITHIN DIMENSIONS

5

-				,									
DESC):			molex									
73						MX150 BLAD	ЭE						
ΕΤΤ	Y01	2018/0	5/25	SINGL	SINGLE ROW SEALED ASSY MAT SEAL								
NSL	AMBROU	2018/1	0/04										
NSL	AMBROU	2018/1	0/04	PR	ODU	CT CUSTOME	R DRAW	ING					
SIO	N:			DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION						
OFFI	ITT	2015/0)7/21	<u>ر</u> مې	ολα	1 0001		004	Λ 1				
KOS	KI	2016/0	06/14	20-3	04Ö	1-0001	PSD	001	A1				
TION	DRAWING	SERIE	S	MATERIAL NUMBER		CUSTOMER	•	SHEET N	NUMBER				
-	A1-SIZE	3348	31	SEE NOTE 2a. GENERAL MARKET			5 C)F 9					
	4			3		2		1					

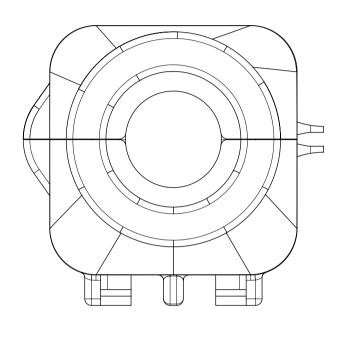


4

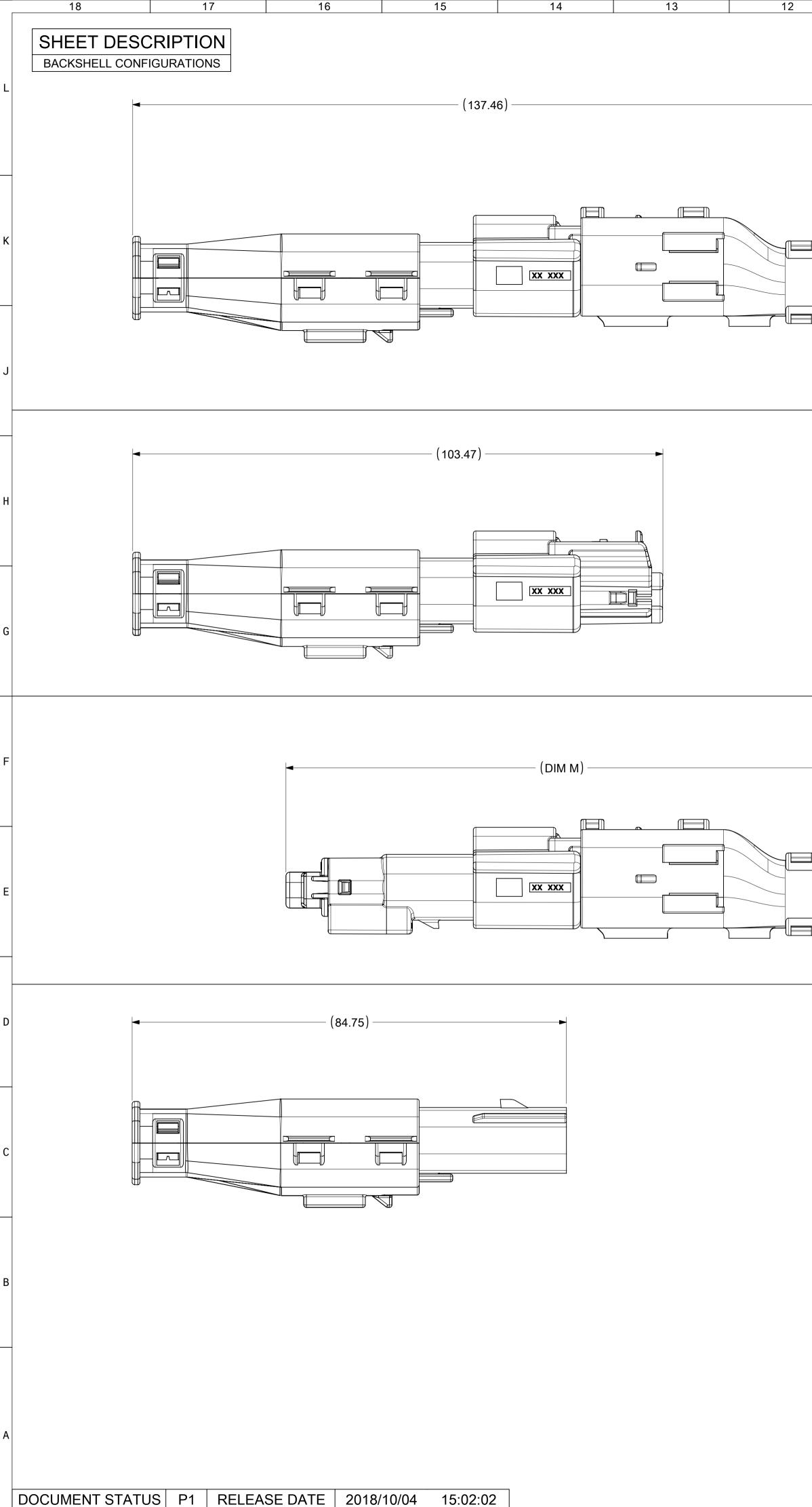


	10	•	<u>^</u>	 <u> </u>	
1 1 1	1 1 1		0		6
	1 1 1 1	9	0	n	1

SYMBOLS	THIS DRA	AWING C	ONTAINS IN	ORMATION T	HAT IS PROPRI	ETARY TO MOLEX	ELECTRON	VIC TEC	CHNOLOGIES, LLC AI	ND SH	OULD NOT BE USED W	ITHOUT WR	ITTEN PEF	RMISSION]
· <u> </u>	DIMENSIO	N UNITS	SCALE	CURREN	T REV DES	C:									В
₩ = 0	MM C	ONLY	3.5:1							n	nole				
			ERANCES PECIFIED)												-
F = 0	ANGULA	R TOL	± 1.0 °	EC NO:							MX150 BLAD				
<u>≶</u> = 0	4 PLACE	ES	±		DSHETT		2018/0		SINGL	E R	OW SEALED AS	SY MAT	SEAL		
	3 PLACE	-0		CHK'D:	MVANSL	AMBROU	2018/1	0/04							
= 0	5 PLACE	_5	I	APPR:	MVANSL	AMBROU	2018/1	0/04	PR		ICT CUSTOME		ING		
C = 0	2 PLACE	ES	± 0.1	INITIAL	REVISIO	N:			DOCUMENT NUMBER			DOC TYPE		REVISION	-
× = 0	1 PLACE	Ξ	± 0.2	DRWN:	APROFF	ITT	2015/0	07/21		210	1 0001		004		A
	0 PLACE	ES	±	APPR:	KDEKOS	SKI	2016/0	06/14	<u>3</u> D-3,	34C	31-0001	PSD	001	A1	
= 0	DRAFT	WHERE A	PPLICABLE	THIRD ANGL	E PROJECTION	DRAWING	SERIE	S	MATERIAL NUMBER		CUSTOMER	•	SHEET N	NUMBER	
— = 0	MUST REMAIN WITHIN DIMENSIONS \bigcirc \bigcirc \bigcirc A1-SIZE 33481					81	SEE NOTE :	2a.	GENERAL M	ARKET	8 C)F 9			
7 6			6		5	4			3		2		1		



4	3	2	1



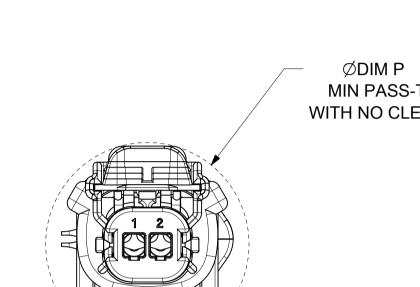
AT: master-tb-prod-A1 ION: H 2016/01/18 18	17	7	16	15	14	13	12

4.4	10	<u>^</u>	0		<u>^</u>	
	1.0	u u	×		h	
	10		0	· · · · · · · · · · · · · · · · · · ·	0	
		-	-	-	÷	

OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL
OVERALE MATED STOTEM WITH BEADE AND RECEITAGEE DAGROHEEE

OVERALL MATED SYSTEM WITH BLADE BACKSHELL



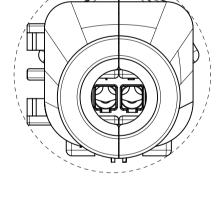


Æ

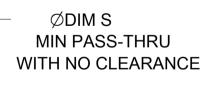
ØDIM P MIN PASS-THRU WITH NO CLEARANCE

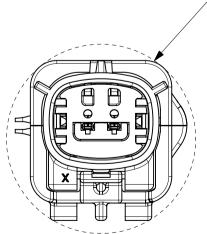
ØDIM N
 MIN PASS-THRU
 WITH NO CLEARANCE

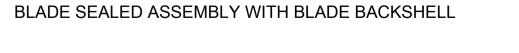
ØDIM R MIN PASS-THRU WITH NO CLEARANCE



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL







10

9

8

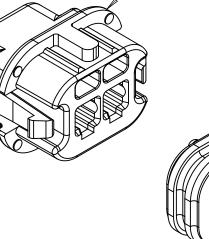
11

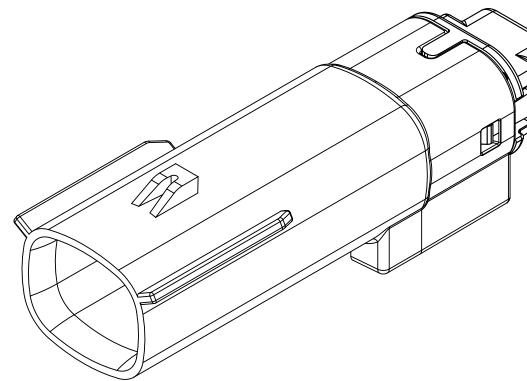
	,													
				ORMATION TH		FTARY TO MOLEX	FLECTRON				OULD NOT BE USED W			RMISSION
SYMBOL	S-	DIMENSION UNITS	SCALE		T REV DES									B
E = 0)	MM ONLY	2:1			.				n	nole	X		
E = 0)	GENERAL TOLE (UNLESS SP												
₽ = 0)	ANGULAR TOL :	± 1.0 °	EC NO:	602373						MX150 BLADI	Ε		
<u> </u>)	4 PLACES :	±	DRWN: CHK'D:		Y01 AMBROU	2018/0 2018/1		SINGL	ER	OW SEALED AS	SY MAT	SEAL	
= 0)	3 PLACES :	±	APPR:		AMBROU	2018/1							
<u> </u>)	2 PLACES :	± 0.1		REVISIO		2010/1	0/04		UDL	JCT CUSTOMEF			REVISION
		1 PLACE :	± 0.2		APROFF		2015/0	07/21			4 0004			A
		0 PLACES :	±	APPR:	KDEKOS		2016/0		SD-33	348	31-0001	PSD	001	A1
= 0)	DRAFT WHERE A	PPLICABLE	THIRD ANGLE	E PROJECTION	DRAWING	SERIE	S	MATERIAL NUMBER		CUSTOMER		SHEET	NUMBER
<u> </u>)	MUST REM WITHIN DIMEN		\bigcirc		A1-SIZE	3348	81	SEE NOTE 2	2a.	GENERAL MA	RKET	9 (DF 9
7			6		5	4			3		2		1	

CHARTED DIMENSIONS									
СКТ	BLADE	RECEPTACLE	DIMENSIONS						
	CONFIGURATION	CONFIGURATION	М	Ν	Р	R	S		
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00		

1

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6
М	TABLE	E OF CON	ITENTS											
	SHEET NO.	SHEET DE	SCRIPTION											
	1	NO	TES											
L	2	KEY CONFI	GURATIONS											NOT
	3	BLADE SEALI	ED ASSEMBLY											1. GI
	4	SYSTEM F	PACKAGING											a. AF
	5	BACKSHE	ELL NOTES											
	6	BACK	SHELL											
к	7	BACKSHELL CO	ONFIGURATIONS											



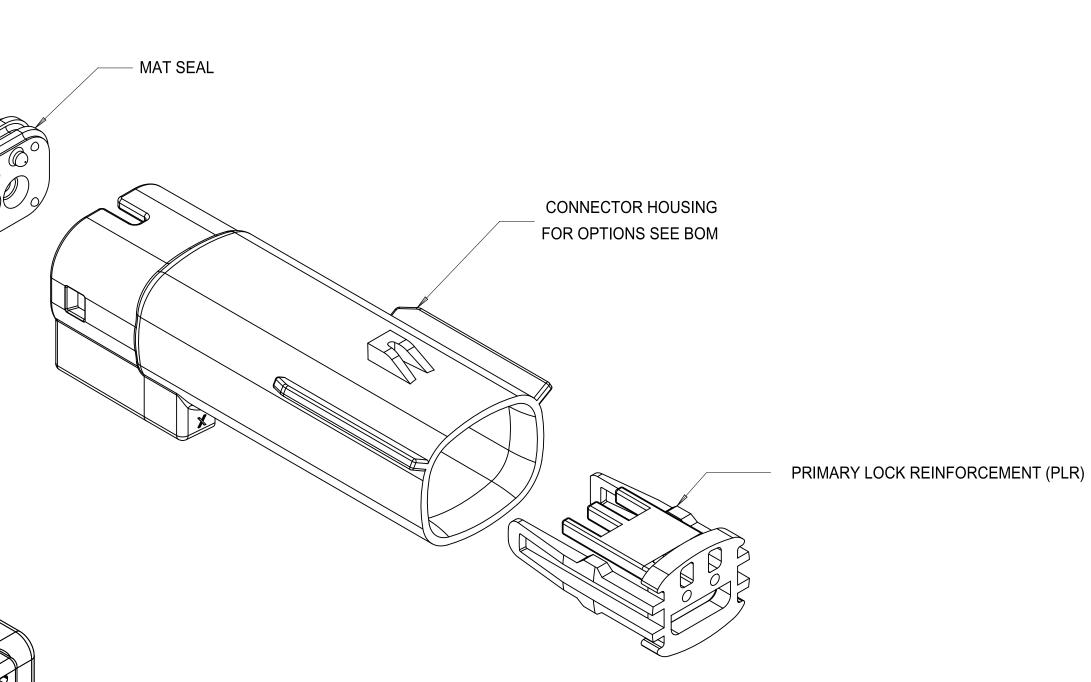


	DOCUN	MENT STATUS A	Approved	RELEASE D	DATE	02-Aug-202	2 14:03:56			
FR	FORMAT: master-tb-prod-D REVISION: J DATE: 2020/01/14	19		18		17	16	15	14	13

BOM

8~9

				A13		UPDATED STATUS	IN BOM		
				A12	ADD N	EW P/N 33481-2201	TO 33481	-2210	
				A10		ADD NEW P/N 3348	31-0210		
				A9	l	JPDATED VIEWSET	& NOTES		
				A8		RENAMED BACKS	HELLS		
				A7		REMOVED DIMENS	SION 57		
				A6		UPDATED NOT	ËS		
		I LOG ER USED: 57		A5	L	IPDATED P/N ORDE	R IN BOM		
	ADDED: REMOVED:			A4	RE	EDRAWN, ADDED BA		_	
	REMOVED.			REV		DESCRIPTIO	N		
THIS DRAWING CONTAINS IN	FORMATION THAT IS PROPRI	ETARY TO MOLEX	ELECTRONIC TE	CHNOLÓGI	IES, LLC AND SHO	OULD NOT BE USED WI	THOUT WR	ITTEN PER	MISSION
DIMENSION UNITS SCALE MM 3:1 GENERAL TOLERANCES (UNLESS SPECIFIED)	CURRENT REV DESC: S	DEE REVISION I	ADLE		n	nole	X		
ANGULAR TOL ± 3 °	EC NO: CO-00000122	28				MX150 1X2 BLA			
4 PLACES ± 0	DRWN: MattYoung	20	21-Jul-2022	2	SEALE	ED ASSEMBLY N	IAI SE/	۹L	
3 PLACES ± 0	CHK'D: Joe Fox		01-Aug-2022						
2 PLACES ± 0.1	APPR: Katy Borusze	wski	02-Aug-2022	_		DUCT SALES DI	1	DOC PART	REVISION
1 PLACE ± 0.2	INITIAL REVISION: DRWN: RFC PLMIMI	P				04 004			
0 PLACES ± 0	APPR:	1	1		SD-334		PSD	001	A14
DRAFT WHERE APPLICABLE MUST REMAIN		DRAWING	series 33481		EE BOM	CUSTOMER GENERAL MA	RKET	SHEET N	NUMBER

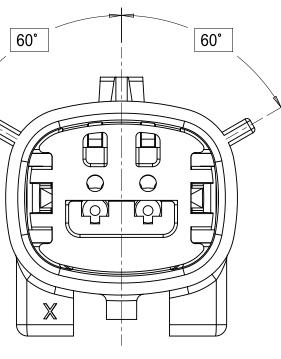


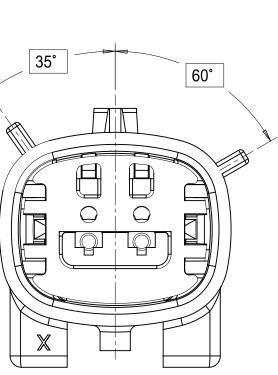
GROMMET CAP

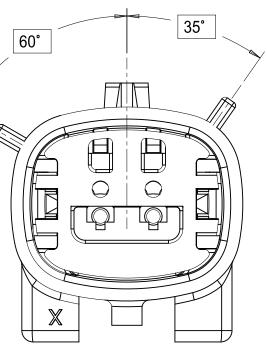
12

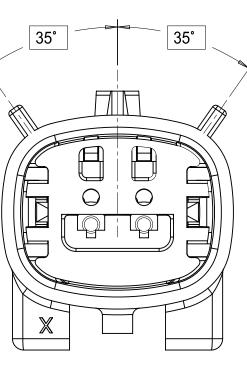
6	5	4		3	2	1	_
							м
NOTES: VAL 1. GENERAL	LID UNLESS OTHERWI	ISE SPECIFIED					
a. APPLICAT CO CO MA CH -DE SPI -FO SEI -FO SEI - SY -AS	TION SPECIFICATION S ONTAINS: PRODUCT IN ONNECTOR ASSEMBLY ATING, SERVICE INSTR ECKING, CRIMPING, A SIGNED TO MATE WIT ECIFIED IN MOLEX DR OR 1.5mm BLADE TERM E MOLEX DRAWING SI YSTEM TO BE USED WIT SEMBLY SHIPPED WIT THE EVENT THAT THE OSITION, REFER TO MC	ITRODUCTION, PF (, PACKAGING INF RUCTIONS, ELECT AND TROUBLESH (INALS TO BE US D-33000-001. /ITH WIRE WITHIN TH PLR IN PRE-LO E PLR IS FOUND II	RODUCT SU IFORMATION TRICAL CON IOOTING. SEALED AS 1-021. SED WITH TI SED WITH TI N DIAMETER OCK POSITI	N, CONNECTOR NTINUITY SSEMBLY HIS ASSEMBLY R RANGE OF 1. ION TED (FINAL LO	γ .2mm TO 2.69mm.)CK)		K
ww -AS TEF SH, b. PRODUC CO RA CO RA CO RA CO RA AN AN C. PACKAGII d. PARTS M PRODUCT e. DATA MU	VSTITION, REPER TO MC /w.molex.com http://ww SEMBLY CONFORMS T RMINAL INSERTION FO IALL NOT EXCEED 40 N T SPECIFICATION SEE NTAINS: PRODUCT IN ATINGS (CURRENT, TEN ID PRODUCT VALIDATION ID PRODUCT VALIDATION ING SPECIFICATION PE IUST BE IN COMPLIANC TS AND PACKAGING SE IST BE SUBMITTED UN IY ID#13255)	vw.molex.com> TO SAE/USCAR-2 ORCE FOR WIRE NEWTONS. E: PS-33471-000 ITRODUCTION, PF MPERATURE, SE/ ION. ER MOLEX DRAW CE TO MOLEX CH PECIFICATION: E	2 REV.4 WIT DIAMETER RODUCT SU ALING, ANE VING: PK-31 HEMICAL SU SS-40000-50	TH THE FOLLOV R ABOVE 2.5mm UMMARY, D FLAMMABILIT 1300-635 UBSTANCES FC 016	WING EXCEPTIONS: NOT EXCEEDING 2 TY), OR		J
,	- MATERIALS:						F
a. THIS IS A IS THE MA NOT SHOW b. GEOMETH c. EDGES AI d. CORNERS e. LETTERIN THIS INCL AND CUST f. VISUAL DE	- GEOMETRY: 100% CAD GENERATE ASTER FOR THIS PART WN ON THIS DRAWING RIC DIMENSIONS AND ND UNDIMENSIONED I S SHOWN AS SHARP T NG SHALL BE 0.15 MAX LUDES RECYCLING CO TOMER MATERIAL NUM EFECTS SHALL MEET (IARKING: TBD	T. FOR DIMENSIO G, ANALYZE THE D TOLERANCES P DETAILS PER ISC TO BE R 0.2 MAX. X RAISED IN 0.25 DDE, CAVITY ID, V MBER.	DNAL OR AN CAD MODE PER ASME Y D13715 MAX RECE VENDOR IDI	NY INFORMATIC EL. Y14.5M - 1994 ESS PAD. ENTIFICATION,	ON ,		G
							F
		A14			OF P/Ns ON SHEET ETE PER PCN 5121		_ _ E
		A13		UPDATED	STATUS IN BOM		

20 19 18 17 16 1 M	5 14 13 12 11 10	9 8 7 6 5 4 3 2 1 KEY CONFIGURATIONS
κ		κ
J	KEY A	J
H		Н
G	KEY B	G
		F
		Ε
D	KEY C	D
C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION C DIMENSION UNITS SCALE CURRENT REV DESC: SEE REVISION TABLE DIMENSION UNITS SCALE CURRENT REV DESC: SEE REVISION TABLE OF DIMENSION TO LE PRANCES
B		ANGULAR TOL ± 3° 4 PLACES ± 0 3 PLACES ± 0 2 PLACES ± 0 2 PLACES ± 0 ANGULAR TOL ± 0 APPACES ± 0 APPR: Katy Boruszewski 02-Aug-2022 PRODUCT SALES DRAWING B
	KEY D	1 PLACE ± 0.2 INITIAL REVISION: DRWN: RFC_PLMIMP Document number Doc type Doc part Revision 0 PLACES ± 0 APPR: DRAFT WHERE APPLICABLE MUST REMAIN THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER SHEET NUMBER
A DOCUMENT STATUS Approved RELEASE DATE 02-Aug-2022 14:03:56 POMOT INNERFACE 19 18 17 16 1	5 14 13 12 11 10	WITHIN DIMENSIONS U-SIZE 33481 SEE BOM GENERAL MARKET 2 OF 9 9 8 7 6 5 4 3 2 1



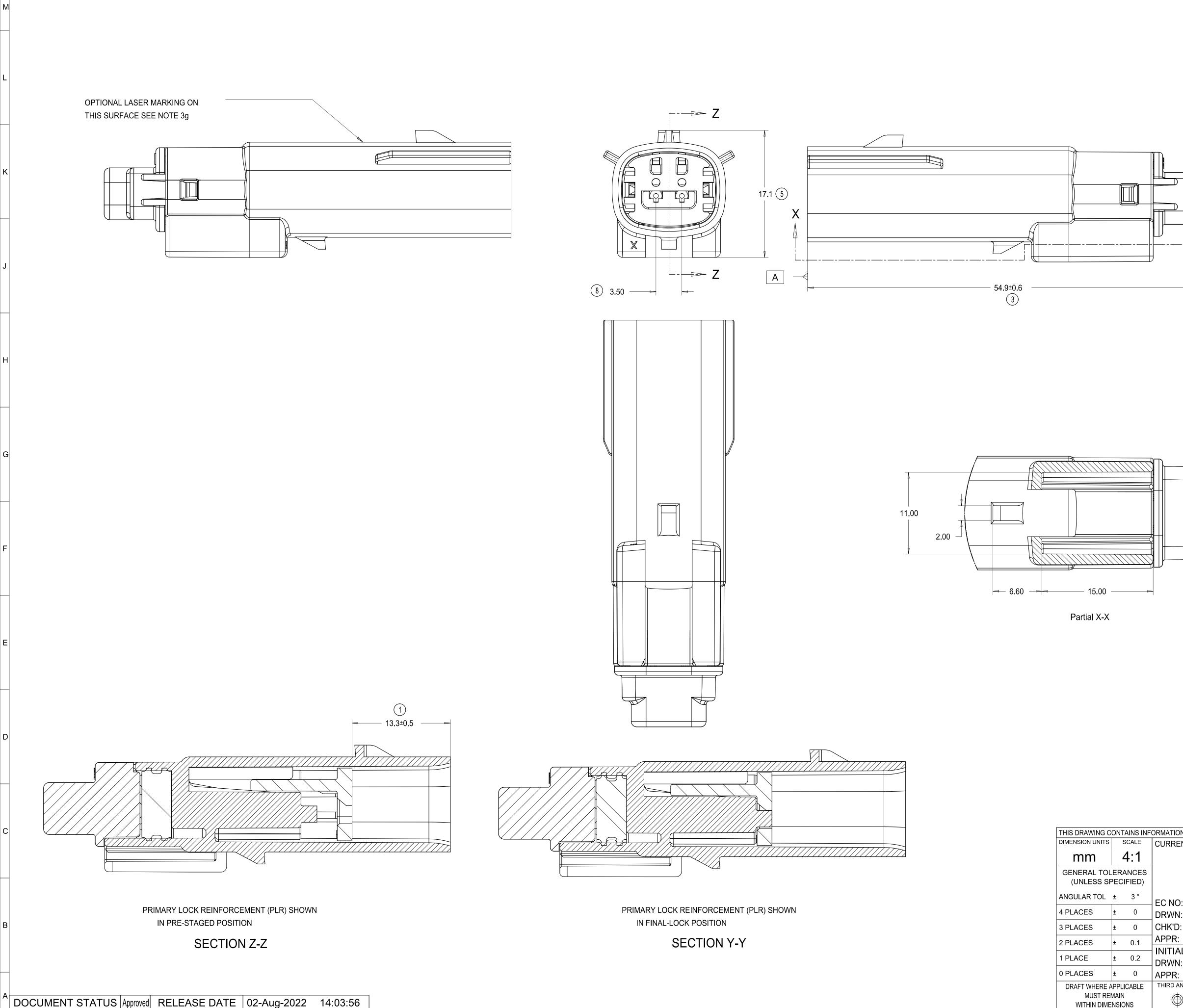






ON THAT IS PF	ROPRIE	ETARY TO MOLEX	ELECTRONIC TEC	HNOLOGIES,	LLC AND SHC	ULD NOT BE U	JSED WIT	HOUT WR	TTEN PE	RMISSION	√ C
ENT REV DE	SC: S	SEE REVISION T	ABLE		n	no	le	X			
D: CO-0000 N: MattYou		28	21-Jul-2022			MX150 1X D ASSEN			۹L		B
): Joe Fox: Katy Bor	uszev	wski	01-Aug-2022 02-Aug-2022		PRO	DUCT SAL	ES DF	RAWINC	3	·	
AL REVISI	ON:			DOCUMENT N	IUMBER			DOC TYPE	DOC PAR	T REVISIO	N
N: RFC_PL :	MIMF	D		S	D-3348	31-021		PSD	001	A14	
ANGLE PROJEC	TION	DRAWING	SERIES	MATERIAL NU	MBER	CUSTOMER			SHEE	NUMBER	
	-	D-SIZE	33481	SEE	BOM	GENER	AL MA	RKET	2	OF 9	A
6		5	4			3		2		1	_

KEY CONFIGURATIONS



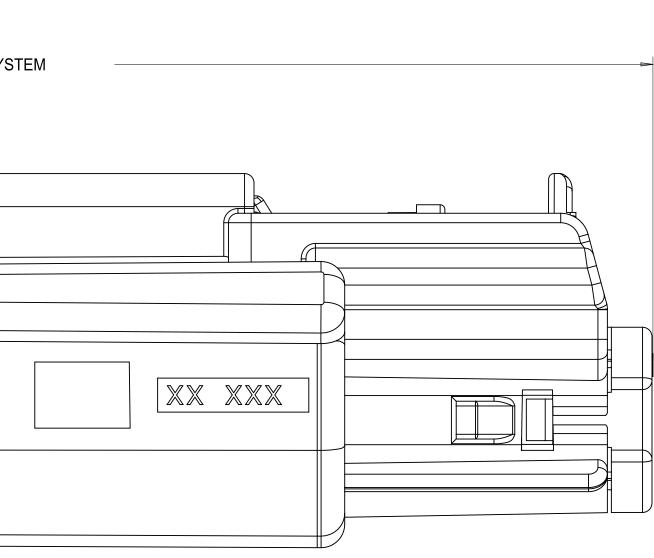
			DATE 02-Aug-202	22 14.05.50			
FORMAT: master-tb-prod-D REV[S]ON: J DATE: 2020/01/14	19	18	17	16	15	14	13

13	12	11	10	9	8	7	

								Μ
		BLA	DE SEA	ALED ASSE	MBLY			L
X		Y	21		RMINAL POS —— Ø21.00 MIN PASS-T VITH NO CLE	2 HRU	E	к
								J
	ERMINAL		VIEW ARNESS SI	PO	RMINAL SITION 1			Н
								G
								F
								E
								D
N THAT IS PROPRIETARY TO MOLE		HNOLOGIES,		DULD NOT BE USED		TEN PEF	RMISSION	С
 CO-000001228 MattYoung Joe Fox Katy Boruszewski REVISION: RFC_PLMIMP 	21-Jul-2022 01-Aug-2022 02-Aug-2022	DOCUMENT N	PRO	MX150 1X2 B ED ASSEMBLY DUCT SALES		DOC PART		В
NGLE PROJECTION DRAWING	SERIES	MATERIAL NU		81-021 CUSTOMER	PSD	001 SHEET	A14	
$\begin{array}{c c} \hline \\ \hline $	33481		ВОМ	GENERAL N	MARKET	3 (DF 9 1	A

г	20 19	18	17	16	15	14	1
M							
к							
J			-			—— (73.85) OVERALL MA ⁻	TED SYST
н							
G							
F			Ę				
E							
D							
С							
B							
	DOCUMENT STATUS Ap	pproved RELEASE D	02-Aug-202 17	22 14:03:56 16	15	14	1

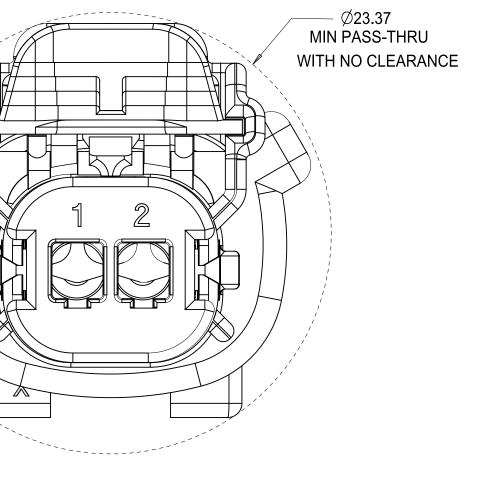
40	40	11	10			- 7	
· · · · ·	1		1 111	u u	×		
U U			1 10			1 1	



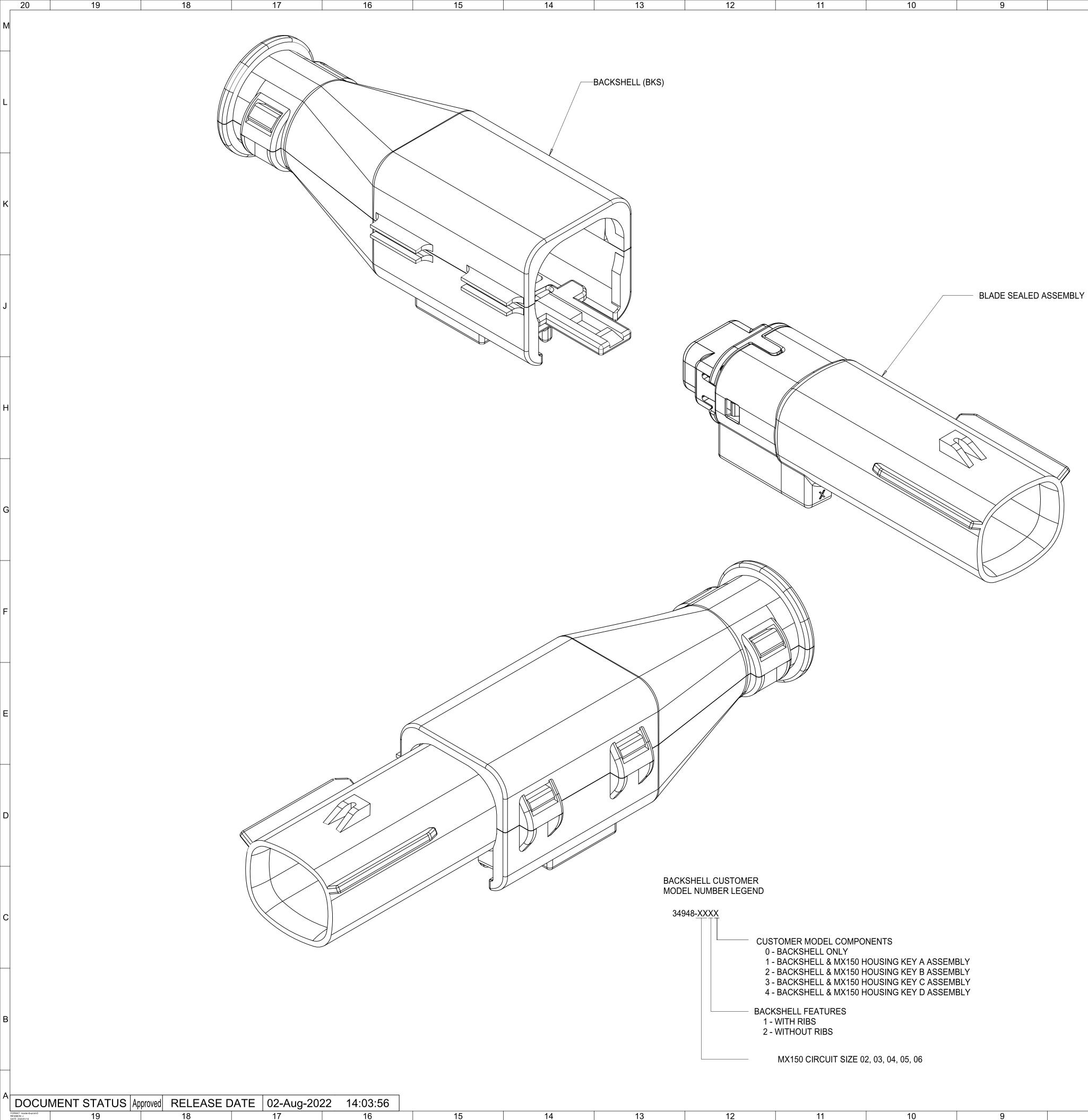
L			ORMATION THAT IS PROPRI			CHNOLOGIES,	LLC AND SH	OULD NOT BE	USED WIT	HOUT WRI	TTEN PER	RMISSION	C
DIMENSION UNITS	SCAI	LE	CURRENT REV DESC: S	SEE REVISION T	ABLE								
mm	1:	1					n	no		X			
GENERAL TOL (UNLESS SF													-
ANGULAR TOL	± 3	o						MX150 1X	(2 BLAI	DE			
			EC NO: CO-0000012	28			SEALE	ED ASSEM	1BLY M	IAT SEA	۹L		
4 PLACES	± ()	DRWN: MattYoung		21-Jul-2022								
3 PLACES	± 0)	CHK'D: Joe Fox		01-Aug-2022			1					В
2 PLACES	± 0.	1	APPR: Katy Borusze	wski	02-Aug-2022		PRO	DUCT SAL		RAWING	6		
			INITIAL REVISION:			DOCUMENT N	UMBER			DOC TYPE	DOC PART	REVISION	
1 PLACE	± 0.	.2	DRWN: RFC PLMIM	C				04 004			001		
0 PLACES	± ()	APPR:			SI	D - 334	81-021		PSD	001	A14	
DRAFT WHERE A	APPLICAE	BLE	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NU	MBER	CUSTOMER			SHEET	NUMBER	1
MUST RE WITHIN DIME				D-SIZE	33481	SEE	BOM	GENER	AL MAI	RKET	4 (DF 9	A
7			6	5		1		3		2		1	-

13	12	11	10	9	8	7	
----	----	----	----	---	---	---	--

ENT REV DES	SC: SEE REVISION I	ABLE		n	no	le	X			
): CO-0000	01228				MX150 1X D ASSEM			41		
I: MattYour	ng	21-Jul-2022			D / IOOLII					
: Joe Fox		01-Aug-2022								B
Katy Boru	uszewski	02-Aug-2022		PRO	DUCT SAL	ES DF	RAWINC	3		
AL REVISIO	ON:		DOCUMENT N	IUMBER			DOC TYPE	DOC PAR	TREVISION	
I: RFC_PLI	MIMP		S	D-3348	31-021		PSD	001	A14	
NGLE PROJECT	TON DRAWING	SERIES	MATERIAL NU	MBER	CUSTOMER			SHEET	NUMBER	
	D-SIZE	33481	SEE	вом	GENER	AL MAI	RKET	4	OF 9	A
6	5	Z	1		3		2		1	-



4



(SHELL CUSTOMER EL NUMBER LEGEND	
CUSTOMER MODEL COMPONENTS 0 - BACKSHELL ONLY 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY BACKSHELL FEATURES 1 - WITH RIBS 2 - WITHOUT RIBS	
MX150 CIRCUIT SIZE 02, 03, 04, 05, 06	

THIS DRAWING C	ON	TAIN	S INF	ORMATION
DIMENSION UNITS		SCAL	E	CURREN
mm		4:	1	
GENERAL TOL (UNLESS SF				
ANGULAR TOL	±	3	0	EC NO:
4 PLACES	±	C)	DRWN:
3 PLACES	±	C)	CHK'D:
2 PLACES	±	0.	1	APPR:
1 PLACE	±	0.	2	INITIAL DRWN:
0 PLACES	±	C)	APPR:
DRAFT WHERE A	THIRD AN			
MUST RE WITHIN DIME	\bigcirc			
7				6

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

10	10	11	10		0	7	
1.5			1 10	9			

BACKSHELL NOTES

1

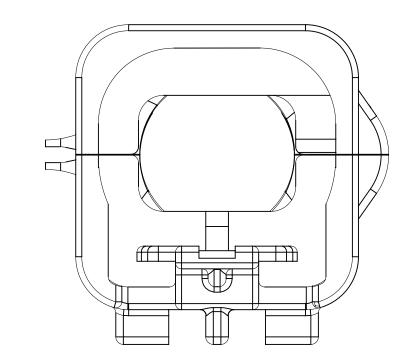
GENERAL:

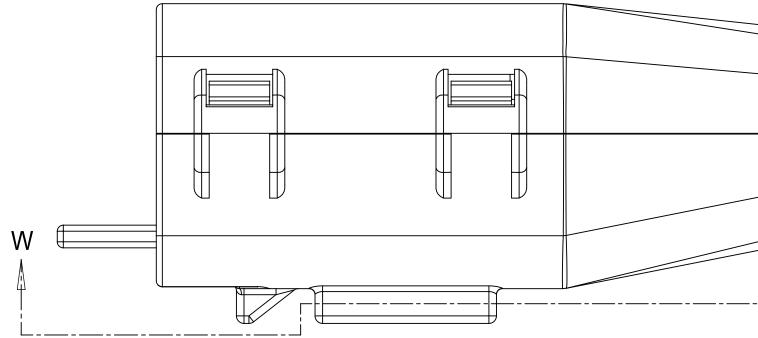
 APPLICATION SPECIFICATION SEE: AS-34951-001
 DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33472-021.
 SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
 BACKSHELL DESIGN IS OWNED BY SCHLEMMER.
 FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34948-0001.

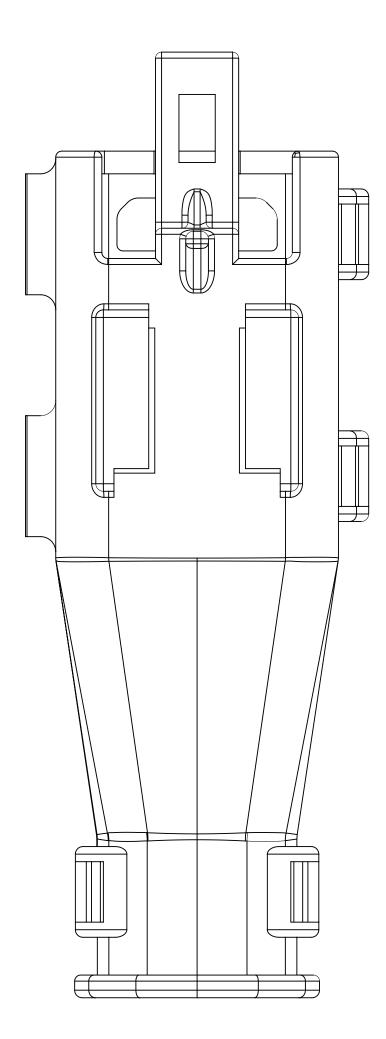
IN THAT IS PROPRIETARY TO MOLEX ELECTRONIC TEC	CHNOLOGIES, LLC AND SHO	DULD NOT BE USED WIT	HOUT WR	TTEN PER	MISSION	
ENT REV DESC: SEE REVISION TABLE	n	nole	X			
D: CO-000001228 I: MattYoung 21-Jul-2022 D: Joe Fox 01-Aug-2022 Katy Boruszewski 02-Aug-2022	SEALE	MX150 1X2 BLAI ED ASSEMBLY M DUCT SALES DF	IAT SEA		REVISION	В
I: RFC_PLMIMP	SD-3348	81-021	PSD	001	A14	
D-SIZE 33481	MATERIAL NUMBER	CUSTOMER GENERAL MA	RKET	SHEET N 5 C	IUMBER	A

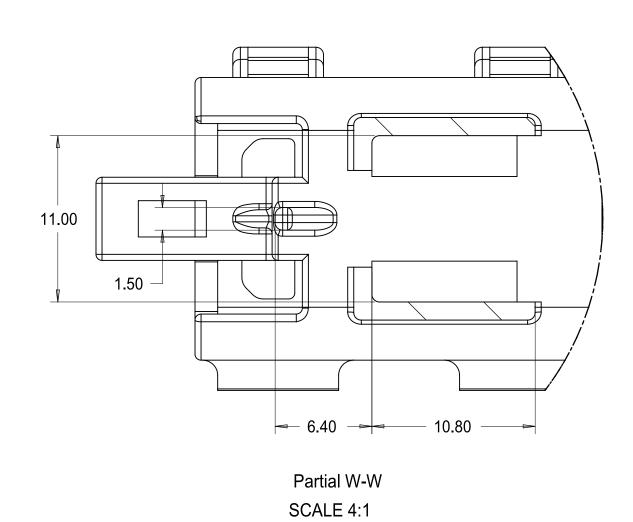
20	19	18	17	16	15	14	13	12	11
M 									
< <									
4									
3									
FORMAT mater-tb-prod-0 REVISION: J DATE: 2020/01/14	UMENT STATUS A	pproved RELEASE	DATE 02-Aug-202	2 14:03:56 16	15	14	13	12	11

40	10	44	10	0	0	7	
14			1 111	ŭ	. <u>x</u>		
	14		1 10	3	0	1	





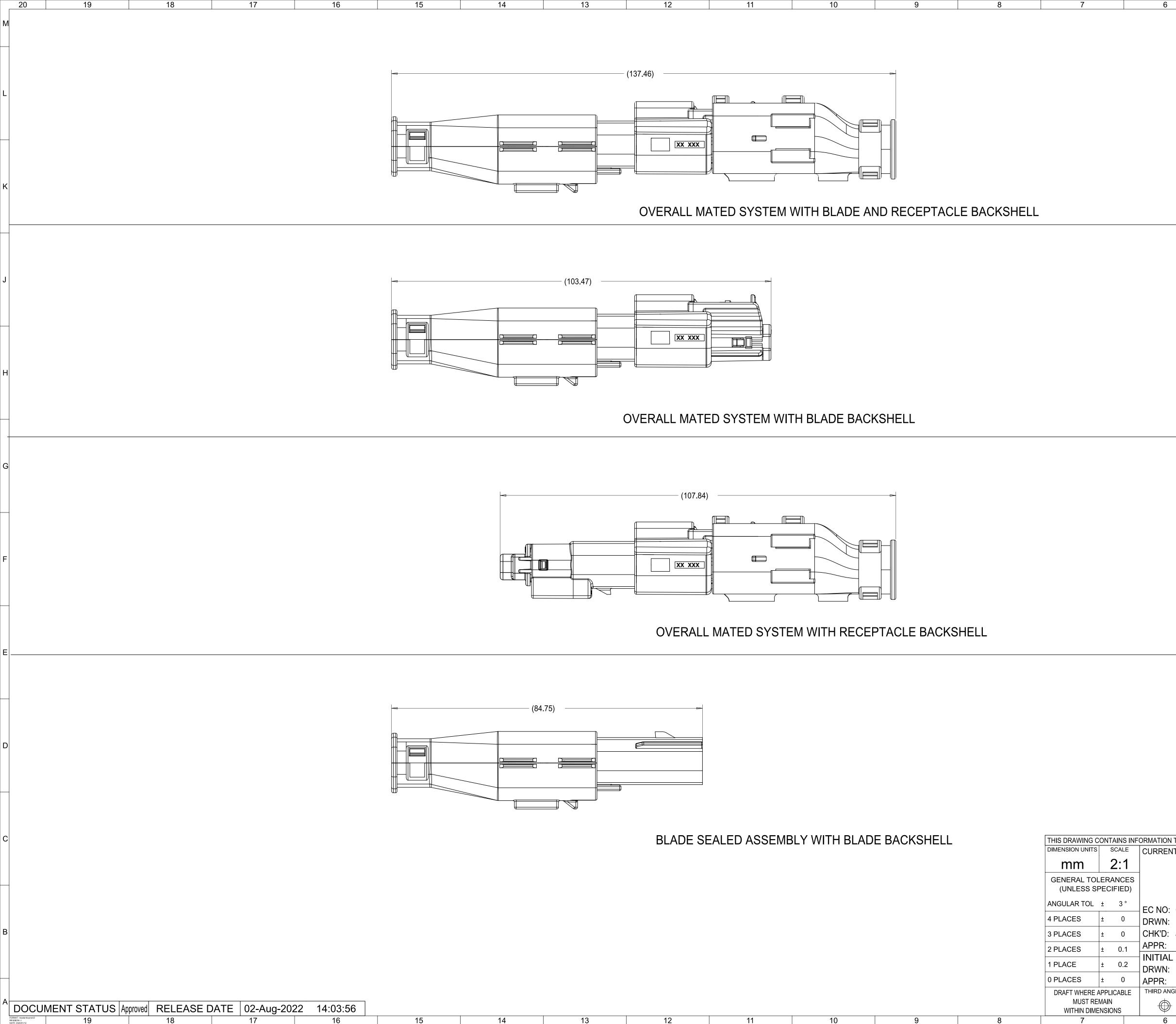




THIS DRAWING C	CON	TAINS INF	ORMATIO
DIMENSION UNITS		SCALE	CURRE
mm		4:1	
GENERAL TO (UNLESS S			
ANGULAR TOL		3 °	
4 PLACES	±	0	DRWN
3 PLACES	±	0	CHK'D
2 PLACES	±	0.1	APPR:
1 PLACE	±	0.2	INITIA DRWN
0 PLACES	±	0	APPR:
DRAFT WHERE	THIRD A		
MUST RE	<u> </u>		
WITHIN DIME	ENS	ONS	

	BACK	SHELL				М
	THE \	VIEWS ON TH			FION	L
						К
	W					J
						н
						G
						F
						E
						D
ON THAT IS PROPRIETARY TO MOLEX EL			nole	X	RMISSION	С
: Joe Fox 0	21-Jul-2022)1-Aug-2022)2-Aug-2022		MX150 1X2 BLAI ED ASSEMBLY M DUCT SALES DF	AT SEAL		В
NGLE PROJECTION DRAWING	SERIES	MATERIAL NUMBER			NUMBER	
	33481	SEE BOM			UF 9	A
5	4	t	3	2	1	

4 3 2



THIS DRAWING C	:ON	ITAIN	S INF	ORMATIO
DIMENSION UNITS		SCAL	E	CURRE
mm		2:	1	
GENERAL TOL (UNLESS SF				
ANGULAR TOL	±	3	0	EC NO
4 PLACES	±	C)	DRWN
3 PLACES	±	C)	CHK'D
2 PLACES	±	0.	1	APPR:
1 PLACE	±	0.	2	INITIA DRWN
0 PLACES	±	C)	APPR:
DRAFT WHERE A	THIRD A			
MUST RE WITHIN DIME	¢			
7	6			

5 4 3 2 1	M
BACKSHELL CONFIGURATIONS	L
	К
Ø27.00 MIN PASS-THRU WITH NO CLEARANCE	J
	н
Ø26.25 MIN PASS-THRU	G
WITH NO CLEARANCE	F
	E
Ø25.00 MIN PASS-THRU WITH NO CLEARANCE	D
ENT REV DESC: SEE REVISION TABLE	С
D: CO-000001228 J: MattYoung 21-Jul-2022	
0: Joe Fox 01-Aug-2022 : Katy Boruszewski 02-Aug-2022 AL REVISION: DOCUMENT NUMBER	В
N: RFC_PLMIMP ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER	
	A

KEY A, YELLOW	33481-0210					A GCO					OBSOLETE		34948-0210	34948-0220
KEY A, BLACK	33481-0209	A						GCP2		2	OBSOLETE		34948-0210	34948-0220
KEY D, STONE GRAY	33481-0208				D		GCP		1	2	OBSOLETE		34948-0210	34948-0220
KEY C, DARK GRAY	33481-0207			С			GCP		1	2	OBSOLETE		34948-0210	34948-0220
KEY B, LIGHT GRAY	33481-0206		В				GCP		1	2	OBSOLETE		34948-0210	34948-0220
KEY A, BLACK	33481-0205	A					GCP		1	2	OBSOLETE		34948-0210	34948-0220
KEY D, STONE GRAY	33481-0204				D	GCO					OBSOLETE		34948-0210	34948-0220
KEY C, DARK GRAY	33481-0203			С		GCO					OBSOLETE		34948-0210	34948-0220
KEY B, LIGHT GRAY	33481-0202		В			GCO					OBSOLETE		34948-0210	34948-0220
KEY A, BLACK	33481-0201	A				GCO					OBSOLETE		34948-0210	34948-0220
	ASSEMBLY	A	В	С	D	A GCO	GCP	GCP2	1	2	CTATUC	COMMENTS	BACKSHELL	BACKSHELL
ASSEMBLY	PART								BLOCKED	TERMINAL	STATUS	COMMENTO	WITH RIBS	WITHOUT RIBS
DESCRIPTION	NUMBERS								CAVITY WI	TH A NUMBER INC	DICATES BLOCKED TERMINAL I	POSITION	OPTIONAL AT	TACHMENTS
·									CAVITY WI	THOUT A NUMBER	R INDICATES OPEN TERMINAL	POSITION	SOLD SEPA	RATELY
										N/A-				
											۲ SEAL	RUST RED		
										Р	LR	NATURAL	SPS/NYLON	GF20
									(P GROMMET CAP	LR (CAVITY 2 PLUGGED)	NATURAL BLACK	SPS/NYLON SPS/NYLON	GF20 GF20
									(P GROMMET CAP GROMMET (LR (CAVITY 2 PLUGGED) CAP (PLUGGED)	NATURAL BLACK BLACK	SPS/NYLON SPS/NYLON SPS/NYLON	GF20 GF20 GF20
									(P GROMMET CAP GROMMET (GROMMET	LR (CAVITY 2 PLUGGED) CAP (PLUGGED) CAP (OPEN)	NATURAL BLACK BLACK BLACK	SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON	GF20 GF20 GF20 GF20
									(P GROMMET CAP GROMMET (GROMMET HOUSING - KE	LR (CAVITY 2 PLUGGED) CAP (PLUGGED) CAP (OPEN) EYING OPTION A	NATURAL BLACK BLACK BLACK YELLOW	SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON	GF20 GF20 GF20 GF20 GF20 GF20
									(P GROMMET CAP GROMMET (GROMMET HOUSING - KE HOUSING - KE	LR (CAVITY 2 PLUGGED) CAP (PLUGGED) CAP (OPEN) EYING OPTION A EYING OPTION D	NATURALBLACKBLACKBLACKYELLOWSTONE GRAY	SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON	GF20 GF20 GF20 GF20 GF20 GF20 GF20
									(P GROMMET CAP GROMMET (GROMMET HOUSING - KE HOUSING - KE	LR (CAVITY 2 PLUGGED) CAP (PLUGGED) CAP (OPEN) EYING OPTION A EYING OPTION D EYING OPTION C	NATURAL BLACK BLACK BLACK YELLOW STONE GRAY DARK GRAY	SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON	GF20 GF20 GF20 GF20 GF20 GF20 GF20 GF20
									(P GROMMET CAP GROMMET (GROMMET HOUSING - KE HOUSING - KE HOUSING - KE	LR (CAVITY 2 PLUGGED) CAP (PLUGGED) CAP (OPEN) EYING OPTION A EYING OPTION D EYING OPTION C EYING OPTION B	NATURAL BLACK BLACK BLACK BLACK STONE GRAY DARK GRAY LIGHT GRAY	SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON	GF20 GF20 GF20 GF20 GF20 GF20 GF20 GF20
									(P GROMMET CAP GROMMET (GROMMET HOUSING - KE HOUSING - KE HOUSING - KE	LR (CAVITY 2 PLUGGED) CAP (PLUGGED) CAP (OPEN) EYING OPTION A EYING OPTION D EYING OPTION C	NATURAL BLACK BLACK BLACK YELLOW STONE GRAY DARK GRAY	SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON	GF20 GF20 GF20 GF20 GF20 GF20 GF20 GF20
										P GROMMET CAP GROMMET (GROMMET HOUSING - KE HOUSING - KE HOUSING - KE HOUSING - KE	LR (CAVITY 2 PLUGGED) CAP (PLUGGED) CAP (OPEN) EYING OPTION A EYING OPTION D EYING OPTION C EYING OPTION B	NATURAL BLACK BLACK BLACK BLACK STONE GRAY DARK GRAY LIGHT GRAY	SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON SPS/NYLON	GF20 GF20 GF20 GF20 GF20 GF20 GF20 GF20

LE	EGEND TABLE
ABREVIATION	COMPONENT
А	HOUSING KEY A
В	HOUSING KEY B
С	HOUSING KEY C
D	HOUSING KEY D
GCO	GROMMET CAP (OPEN)
GCP	GROMMET CAP (PLUGGED)
GCP2	GROMMET CAP (CAVITY 2 PLUGGED)
Р	PLR, STANDARD
М	MAT SEAL
BKS	BACKSHELL

	DOCUMENT ST	ATUS Approved	RELEASE DATE	02-Aug-2022	14:03:56						
F	FORMAT: master-tb-prod-D REVISION: J DATE: 2020/01/14	9	18	17	16	15	14	13	12	11	10

THIS DRAWING C	ON	FAIN	S INF	ORMATION
DIMENSION UNITS		SCAL	E	CURREN
mm		1:	1	
GENERAL TOL (UNLESS SF				
ANGULAR TOL	±	3	0	EC NO:
4 PLACES	±	С)	DRWN:
3 PLACES	±	C)	CHK'D:
2 PLACES	±	0.	1	APPR:
1 PLACE	±	0.	2	INITIAL
0 PLACES		0	````	DRWN:
	±			APPR:
DRAFT WHERE A			SLE	THIRD ANG
MUST RE				\bigcirc
7				6

Q

13	12	11	10	9	8	7	
----	----	----	----	---	---	---	--

N THAT IS PR	ROPRIE	ETARY TO MOLEX	ELECTRONIC TEC	HNOLOGIES,	LLC AND SHC	OULD NOT BE U	JSED WIT	HOUT WRI	TTEN PE	RMISSION	1 C
ENT REV DE	SC: S	SEE REVISION T	ABLE		n	no	le	X			
): CO-0000 I: MattYou I: Joe Fox		28	21-Jul-2022 01-Aug-2022			MX150 1X D ASSEM			AL		В
Katy Bor	usze	wski	02-Aug-2022		PRO	DUCT SAL	ES DF	RAWING	6		
L REVISI	ON:			DOCUMENT N	UMBER			DOC TYPE	DOC PAR	TREVISIO	N
I: RFC_PL	MIMF	D		S	D-3348	31-021		PSD	001	A14	
NGLE PROJEC	TION	DRAWING	SERIES	MATERIAL NU	MBER	CUSTOMER			SHEET	NUMBER	
		D-SIZE	33481	SEE	вом	GENER	AL MAI	RKET	8	OF 9	A
6		5	Z	ļ		3		2		1	

KEY A, YELLOW	33481-2210				A	GCO					SALEABLE		34948-0210	34948-0220
KEY A, BLACK	33481-2209	A						GCP2		2	SALEABLE		34948-0210	34948-0220
KEY D, STONE GRAY	33481-2208			C	>		GCP		1	2	SALEABLE		34948-0210	34948-0220
KEY C, DARK GRAY	33481-2207		(С			GCP		1	2	SALEABLE		34948-0210	34948-0220
KEY B, LIGHT GRAY	33481-2206	E	3				GCP		1	2	SALEABLE		34948-0210	34948-0220
KEY A, BLACK	33481-2205	A					GCP		1	2	SALEABLE		34948-0210	34948-0220
KEY D, STONE GRAY	33481-2204			D		GCO					SALEABLE		34948-0210	34948-0220
KEY C, DARK GRAY	33481-2203		(С		GCO					SALEABLE		34948-0210	34948-022
KEY B, LIGHT GRAY	33481-2202	E	3			GCO					SALEABLE		34948-0210	34948-022
KEY A, BLACK	33481-2201	A				GCO					SALEABLE		34948-0210	34948-022
	ASSEMBLY	AE	3 (C D) /	A GCO	GCP	GCP2	1	2	STATUS	COMMENTS	BACKSHELL	BACKSHELL
ASSEMBLY	PART								BLOCKED	TERMINAL	514105	COMMENTO	WITH RIBS	WITHOUT RIE
DESCRIPTION	NUMBERS								CAVITY WI	TH A NUMBER IND	DICATES BLOCKED TERMINAL F	POSITION	OPTIONAL AT	TACHMENTS
									CAVITY WI	THOUT A NUMBER	R INDICATES OPEN TERMINAL	POSITION	SOLD SEPA	RATELY
										MA	SEAL	GREEN	INHERENTLY LUBRICA	ATED SILICONE
										Р	LR	NATURAL	SPS/NYLON	GF20
									C	GROMMET CAP	(CAVITY 2 PLUGGED)	BLACK	SPS/NYLON	GF20
										GROMMET O	CAP (PLUGGED)	BLACK	SPS/NYLON	GF20
										GROMMET	CAP (OPEN)	BLACK	SPS/NYLON	GF20
										HOUSING - KE	YING OPTION A	YELLOW	SPS/NYLON	GF20
										HOUSING - KE	YING OPTION D	STONE GRAY	SPS/NYLON	GF20
				<u> </u>						HOUSING - KE	YING OPTION C	DARK GRAY	SPS/NYLON	GF20
										HOUSING - KE	YING OPTION B	LIGHT GRAY	SPS/NYLON	GF20
										HOUSING - KE	YING OPTION A	BLACK	SPS/NYLON	GF20
										DESC	RIPTION	COLOR	MATERI	AL

	MENT STATUS A	pproved	RELEASE D	DATE	02-Aug-202	22 14:03:56			
ORMAT: master-tb-prod-D REVISION: J DATE: 2020/01/14	19		18		17	16	15	14	13

13	12	11	10	9	8	7	

BOM/APPLICABLE COMPONENTS TABLE

THIS DRAWING C	ON	ITAIN	S INF	ORMATIO
DIMENSION UNITS		SCAL	.E	CURRE
mm		1:	1	
GENERAL TOL (UNLESS SF				
ANGULAR TOL	±	3	0	EC NO
4 PLACES	±	C)	DRWN
3 PLACES	±	C)	CHK'D
2 PLACES	±	0.	1	APPR:
1 PLACE	±	0.	2	INITIA DRWN
0 PLACES	±	C)	APPR:
DRAFT WHERE A	١PF	PLICAE	LE	THIRD A
MUST RE WITHIN DIME				¢
7				6

ION THAT IS PROP	PRIETARY TO MOLEX	ELECTRONIC TEC	CHNOLOGIES,	LLC AND SHO	DULD NOT BE U	JSED WIT	HOUT WR	ITTEN PE	ERMISSION	√ C
RENT REV DESC	C: SEE REVISION T	ABLE		n	no	le	X			
IO: CO-00000 ⁷ /N: MattYoung		21-Jul-2022			MX150 1X ED ASSEM			۹L		— B
'D: Joe Fox R: Katy Borus	zewski	01-Aug-2022 02-Aug-2022		PRO	DUCT SAL	ES DF	RAWINC	3		– D
IAL REVISION	N:		DOCUMENT N	IUMBER			DOC TYPE	DOC PAF	REVISION	N
/N: RFC_PLMI R:	MP		S	D-3348	81-021		PSD	001	A14	
ANGLE PROJECTIC	N DRAWING	SERIES	MATERIAL NU	IMBER	CUSTOMER			SHEE	T NUMBER	
	D-SIZE	33481	SEE	BOM	GENER	AL MA	RKET	9	OF 9	A
6	5	4	1		3		2		1	

BOM SHEET 2

	TABLE OF CONTENTS					
5 A	SHEET NO. SHEET DESCRIPTION		BILL	OF MATERIALS (B	OM)	
	Z CONFIGURATIONS		CIRCUIT SIZE		STATUS	MATING ASSEMBLY DRAWING
	3 BACKSHELL DETAIL	34948-0210	1X2			SD-33481-021
		34948-0220	1X2	NO S/	ALEABLE	SD-33481-021
	BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED					
1X2 BLADE	1. GENERAL:					
	a. APPLICATION SPECIFICATION SEE: AS-34951-001					
	-DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY					
	AS SPECIFIED IN BOM					
	-COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY					
	-BACKSHELL DESIGN IS OWNED BY SCHLEMMER b. PRODUCT SPECIFICATION					
	-THESE PRODUCTS ARE ONE TIME USE ONLY.					
	-REMOVAL FORCE OF THE BACKSHELL FROM THE MOLEX					
	CONNECTOR TO BE 100N MIN.					
	-REMOVAL FORCE OF SLIT CONVOLUTE FROM THE WITH RIB OPTION					
	BACKSHELLS TO BE 100N MIN.					
	-REMOVAL FORCE OF UNSLIT CONVOLUTE FROM THE WITH RIB OPTION BACKSHELLS TO BE 100N MIN.					
	c. PACKAGING SPECIFICATION SEE PK-31302-118					
	d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR					
	PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300					
	e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS					
	(COMPANY ID#13255)					
	f. FOLLOWING PRODUCTION CODES TO BE PRESENT -DATE CODE					
	-MOLD CAVITY CODE					
	-MOLEX LOGO					
	-RECYCLE CODE					
	-SUPPLIER PART NUMBER					
	2. DESIGN - MATERIALS:					
	a. PA66 0% GLASS FILLED				[]	
	b. BLACK				A3 MIG A2	RATED TO NX & ADDED BALLLOON NUMI UPDATED BILL OF MATERIALS
	3. DESIGN GEOMETRY:				A1 A	UPDATED STATUS COLUMN INITIAL RELEASE
	a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA					DESCRIPTION
	IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION			FORMATION THAT IS PROPRIETARY	TED TO NX	IC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN F
	NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.			-		molex
	b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 2009		0 GENERAL TOLERANCES (UNLESS SPECIFIED)			
	c. CORNERS SHOWN AS SHARP TO BE R 0.1.		ANGULAR TOL ± 1.0 °	EC NO: 636032		MX150 BLADE SINGLE ROW BACKSHELL
	d. VISUAL DEFECTS SHALL MEET COSMETEIC STANDARD PS-45499-002 (CLAS	• =):	0 4 PLACES ±	DRWN: VRAMAKANTALA CHK'D: MVANSLAMBROU	2020/0 2020/0	4/15
	e. DRAFT OF 2° PRESENT.		VAL 3 PLACES ± LS 2 PLACES ± 0.13	APPR: MVANSLAMBROU	2020/0	4/17 PRODUCT CUSTOMER DRAWING
	f. ALLOWABLE FLASH, PARTING LINES MISMATCH, EJECTOR PINS MARK, AND	GAIE	1 PLACE ± 0.25	- INITIAL REVISION: DRWN: KCUNNINGHAM	2013/0	6/10 CD 24040 0004 DOD 00
	VESTIGE TO BE +0.30 MAX PROTUSION.		0 PLACES ±		2013/0	6/11 3D-34940-0001 PSD 00

	MENT STATUS	P1	RELEASE DA	ATE 2020/04/17	14:08:03									WITHIN DIMENSIONS	\square
FORMAT: prod-D REVISION: DATE: 202001/N	19		18	17	16	15	14	13	12	11	10	9	8	7	6

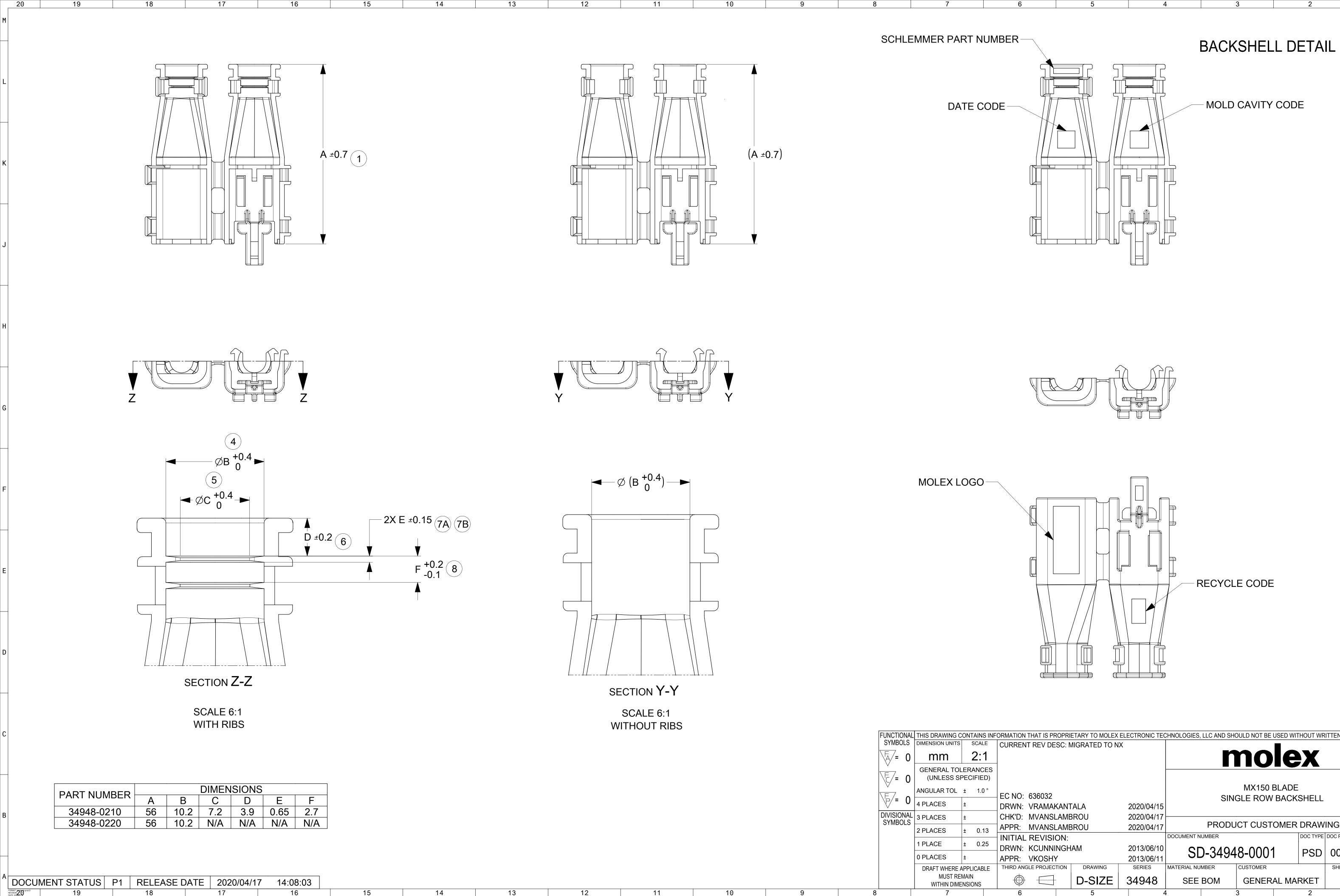
																D
							A3	MIGRA	TED TO	NX & AI	DDED B	ALLLO	DON N	IUMBE	ERS	1
							A2		UPDA	ATED BI	LL OF N	IATEF	RIALS			
							A1		UPE	DATED S	STATUS	COLL	JMN			
							Α			INITIA	L RELE/	ASE				
							REV			DES	CRIPTIC	DN]
	THIS DRAWING C			ORMATION	I THAT IS PROF	PRIETARY TO	MOLEX E	ELECTRONIC TEC	CHNOLOGIES,	LLC AND SHO	OULD NOT BE	USED WIT	HOUT WR	ITTEN PER	RMISSION	C
SYMBOLS	DIMENSION UNITS	S	SCALE	CURREN	IT REV DESC	: MIGRATE	D TO NX	K								
\FA = 0	mm	1	.5:1							n	no		X			
	GENERAL TOI (UNLESS SI															
V	ANGULAR TOL	±	1.0 °		00000						MX150 I					
F = 0	4 PLACES	±			636032 VRAMAKA	NTALA		2020/04/15		SIN	GLE ROW	BACK	SHELL			
DIVISIONAL SYMBOLS	3 PLACES	±		CHK'D:	MVANSLA	MBROU		2020/04/17								В
STINDULS	2 PLACES	±	0.13	APPR:	MVANSLA	MBROU		2020/04/17			CT CUST	OMER				
	1 PLACE	±	0.25		REVISION				DOCUMENT N	UMBER			DOC TYPE	DOC PART	REVISION	
			0.20		KCUNNING	GHAM		2013/06/10	SL)-3494	8-0001	[PSD	001	A3	
	0 PLACES	±		APPR:	VKOSHY			2013/06/11								
	DRAFT WHERE / MUST RE WITHIN DIME	MAIN				N DRAW		series 34948	MATERIAL NU	MBER BOM	CUSTOMER GENER	AL MA	RKET	SHEET N	IUMBER	A
			GNIN			5					0		2		1]

20	19 18 17	7 16 15	14	13	12	1 1	0	9 8	8 7
M									
L									
κ	回 34948-0210 1X2 BLADE WITH RIBS	34948-0220 1X2 BLADE WITHOUT RIBS							
 J									
н									
G									
F									
E									
D									
С									FUNCTIONAL THIS DRAWING CO SYMBOLS $\overrightarrow{F} = 0$ $\overrightarrow{F} = 0$ $\overrightarrow{F} = 0$ GENERAL TOLI (UNLESS SP
В									F = 0 $F = 0$ $F =$
A DOCUMENT	T STATUS P1 RELEASE DATE 20 19 18 17	020/04/17 14:08:03 7 16 15	14	13	12	1 1	0	9 8	1 PLACE : 0 PLACES : DRAFT WHERE AF MUST REM WITHIN DIMEN 8

	FUNCTION/		THIS DRAWING C	ON	TAIN	S INF	ORMATION
	SYMBOLS)	DIMENSION UNITS		SCAL	E	CURREN
	F ()	mm 1:1				
	√ − − −)	GENERAL TOL (UNLESS SF				
	VE7 r		ANGULAR TOL	±	1.0) °	EC NO:
)	4 PLACES	±			DRWN:
	DIVISIONAL SYMBOLS		3 PLACES	±			CHK'D:
		-	2 PLACES	± 0.13			APPR:
			1 PLACE	± 0.25		25	INITIAL DRWN:
			0 PLACES	±			APPR:
			DRAFT WHERE A	BLE	THIRD ANG		
			MUST RE	\bigcirc			
8			7				6

12	10	11	10	0	0	7	

N THAT IS PR	OPRIETARY TO MOLEX			LLC AND SHO					RMISSION	ПС
										μ_
ENT REV DE	SC: MIGRATED TO N	IX								
					nn					
					no					
										-
					MX150 E	BLADE				
D: 636032				SIN	GLE ROW	BACK	SHELL			
I: VRAMAK	CANTALA	2020/04/15								
: MVANSL	AMBROU	2020/04/17								– B
_	AMBROU	2020/04/17		PRODU	CT CUST	OMER	DRAW	ING		
		2020/04/17						_		-
AL REVISIO	ON:		DOCUMENT N	UMBER			DOC TYPE	DUC PAR	TREVISION	1
I: KCUNNI	NGHAM	2013/06/10	QL	7 3/0/	8-0001	1	PSD	001	A3	
VKOSHY	,	2013/06/11	JL JL	7-0434	0-000		FSD	001	AJ	
NGLE PROJEC	TION DRAWING	SERIES	MATERIAL NU	MBER	CUSTOMER			SHEET	NUMBER	
	D-SIZE	34948	SEE	BOM	GENER	AL MA	RKET	2	OF 3	A
	_									
)	5	2	ŀ		3		2		I	



FUNCTIONA	THIS DRAWING C	ONTAIN	S INF	ORMATIO			
SYMBOLS	DIMENSION UNITS	SCAI	E.	CURRE			
F 0	mm	mm 2:1					
		GENERAL TOLERANCES (UNLESS SPECIFIED)					
VEZ .	ANGULAR TOL	± 1.0)°	EC NO			
\ <u>`</u> ₽∕= 0	4 PLACES	±		DRWN			
DIVISIONAL SYMBOLS	- 3 PLACES	3 PLACES ±					
OTMEOLO	2 PLACES	± 0.1	13	APPR:			
	1 PLACE	± 0.2	25	INITIA DRWN			
	0 PLACES	±		APPR:			
	DRAFT WHERE A	THIRD AN					
	Main Insions		\bigcirc				
		6					

	PRIETARY TO MOLEX									л с
	C: MIGRATED TO N				no					
): 636032 I: VRAMAKA): MVANSLA : MVANSLA	MBROU	2020/04/15 2020/04/17 2020/04/17			MX150 GLE ROW	BACK	SHELL	ING		- B
AL REVISIOI I: KCUNNING VKOSHY	N:	2013/06/10 2013/06/11			·8-000´	1	DOC TYPE PSD	DOC PAR	T REVISION	1 1
	DRAWING	SERIES 34948	MATERIAL NU	BOM	CUSTOMER GENER		RKET		OF 3	A

- MOLD CAVITY CODE