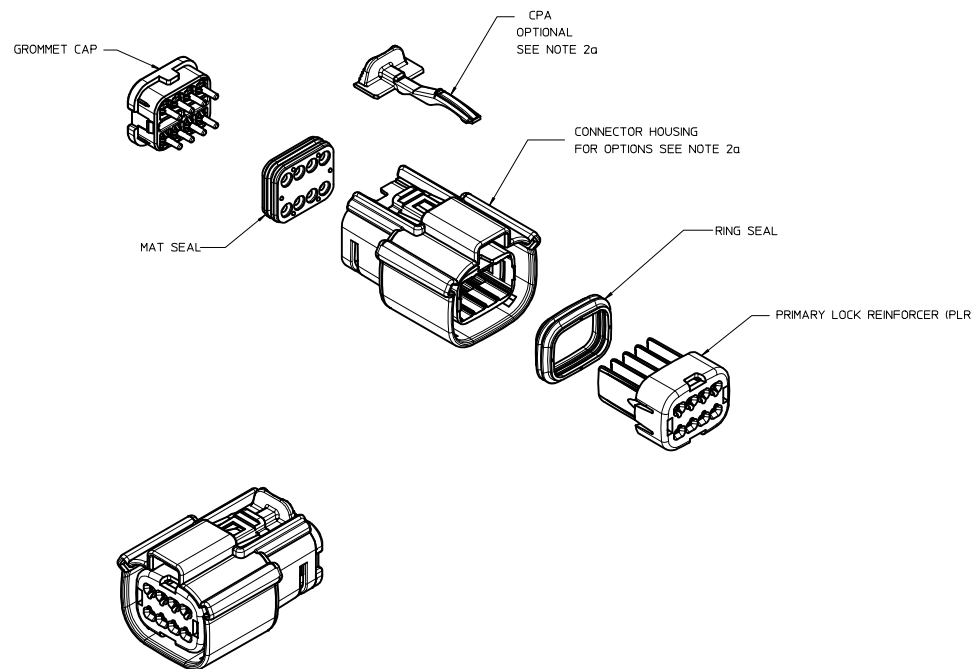


[illegible]

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1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4	BACKSHELL NOTES
5	BACKSHELL
6	BACKSHELL CONFIGURATIONS

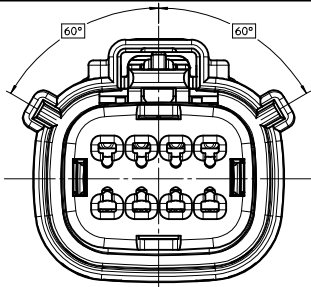


NOTES: VALID UNLESS OTHERWISE SPECIFIED

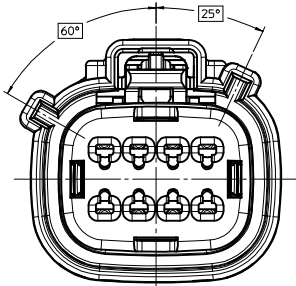
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-008-2-Z02, AVAILABLE AT <<http://ewcap.uscarteams.org/>>.
 - DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33482-081.
 - FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE MOLEX DRAWING SD-33012-002.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 - ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION Z-Z PRE-LOCK).
 - IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.molex.com <<http://www.molex.com>>.
 - ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MIN. DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN, 40N MAX. TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS. PLR REMOVAL FROM FINAL LOCK TO PRE-LOCK POSITION SHALL NOT EXCEED 130 NEWTONS.
- b. PRODUCT SPECIFICATION SEE: PS-33472-000
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-903
- 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. FOR INFORMATION ON 2X4 RECEPTACLE SEALED ASSEMBLY WITH CLIPSLOT SEE SD-33472-091
2. DESIGN - MATERIALS:
- a. SEE BOM TABLE AS SPECIFIED IN SD-33472-082
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: TBD

INSPECTION NUMBERR LOG
LAST NUMBER USED:
ADDED:
REMOVED:

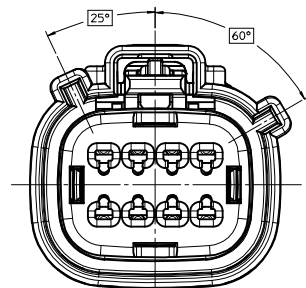
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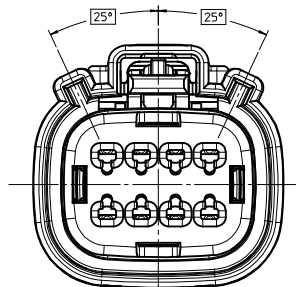
KEY A



KEY B



KEY C



KEY D

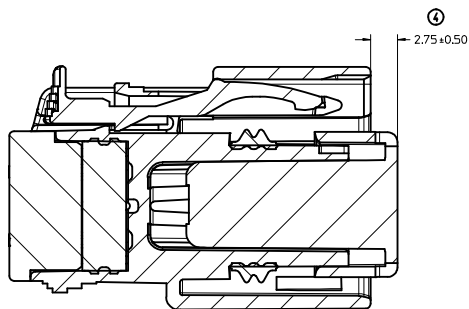
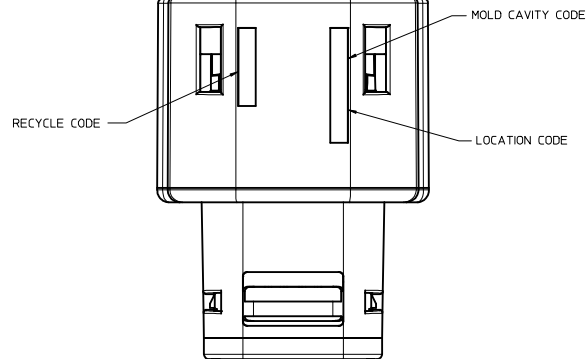
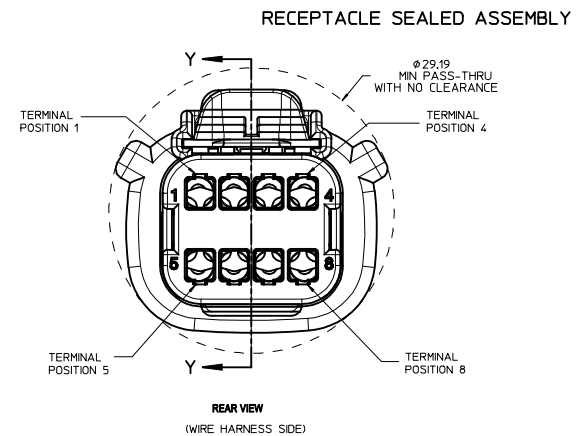
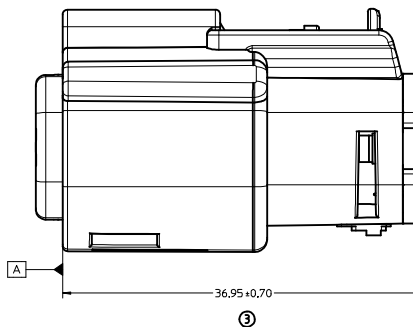
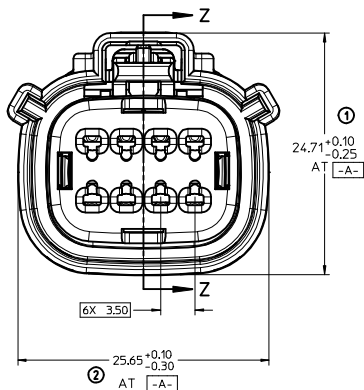
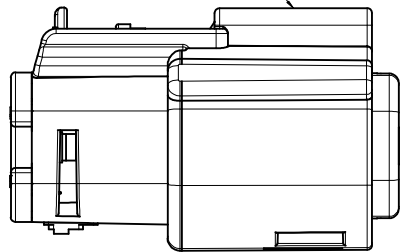
KEY CONFIGURATIONS

ENTER DESCRIPTION EC NO: UAU2014-0008 DRAWN BY: 2013/07/02 CHKD: Z APPROV: WOSHY 2013/08/26 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION				
			MM ONLY								
			mm	INCH				DRAWN BY	DATE	TITLE MX150 2X4 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	
			4 PLACES	± ---				± ---	D. MARCOUX		06-13-02
			3 PLACES	± ---				± ---	CHECKED BY		DATE
			2 PLACES	± 0.10				± ---	DGRIFITHS		06-13-02
			1 PLACE	± 0.3				± ---	APPROVED BY		DATE
			0 PLACE	±				±	FHOLUB		06-13-02
			ANGULAR ± 3°					MATERIAL NO.			DOCUMENT NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE NOTE 2a			
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
					SHEET NO.		2 OF 6				

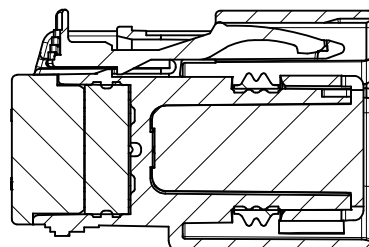
moLEX

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

LASER MARKING ON THIS SURFACE
SEE NOTE 3g.



SECTION Z-Z



SECTION Y-Y

ENTER DESCRIPTION EC NO: UAU2014-0008 2013/07/02 DRAWN BY CHKD: APPR: WKSHY 2013/08/26 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				DRAWN BY DATE		TITLE		
				D. MARCOUX 06-13-02		MX150 2X4 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
				CHECKED BY DATE		molex		
				DGR IFF I THS 06-13-02				
				APPROVED BY DATE				
		FHO LUB 06-13-02		DOCUMENT NO.		SHEET NO. 3 OF 6		
		MATERIAL NO.		SD-33472-081				
		ANGULAR ± 3 °		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

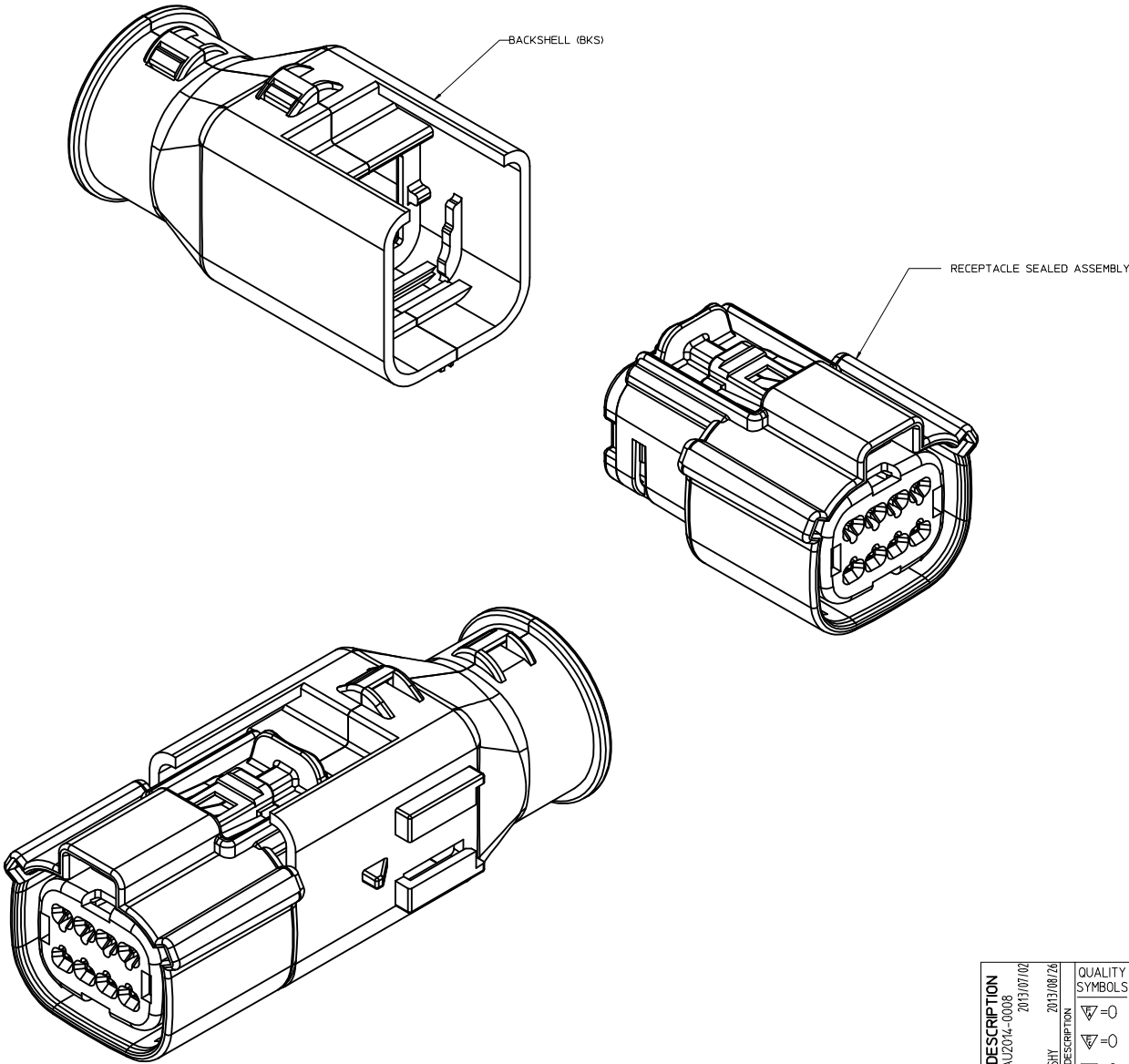
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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

BACKSHELL NOTES

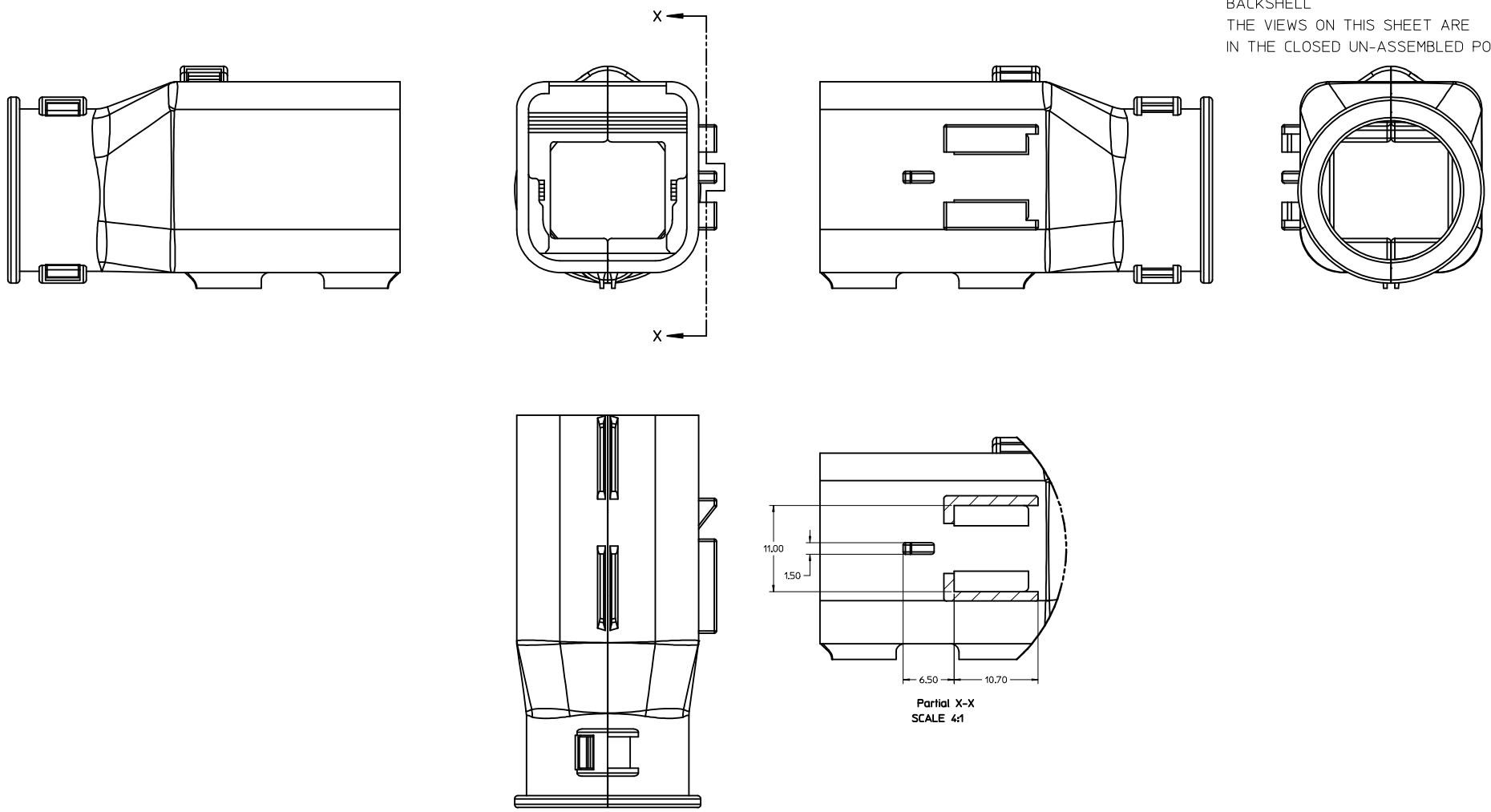
BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33472-081.
 - 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-34951-0001.



ENTER DESCRIPTION EC NO: UAU2014-0008 2013/07/02 DRAWN BY CHKD: APPR: WOSHY 2013/08/26 REV	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		4:1	METRIC		
	▽=0		mm		INCH		DRAWN BY		DATE	
	▽=0		4 PLACES ± ---		± ---		D. MARCOUX		06-13-02	
	▽=0		3 PLACES ± ---		± ---		CHECKED BY		DATE	
	▽=0		2 PLACES ± 0.10		± ---		DGRIFITHS		06-13-02	
			1 PLACE ± 0.3		± ---		APPROVED BY		DATE	
			0 PLACE ±		±		FOLUB		06-13-02	
							MATERIAL NO.		DOCUMENT NO.	
							SEE NOTE 2a		SD-33472-081	
						SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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

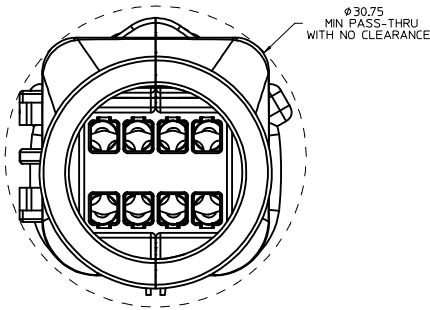
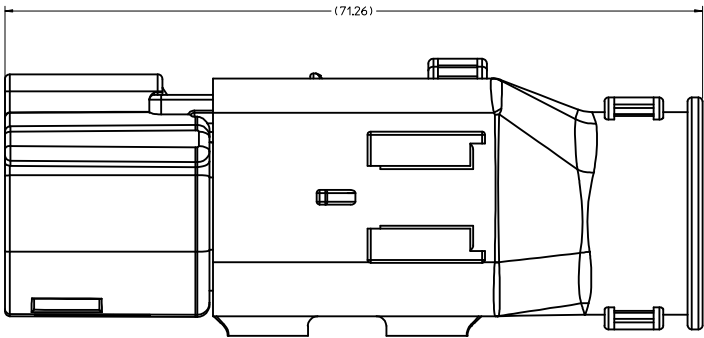


BACKSHELL
THE VIEWS ON THIS SHEET ARE
IN THE CLOSED UN-ASSEMBLED POSITION

ENTER DESCRIPTION IEC NO: UAU2014-0008 DRAWN BY: N CHKD: CHYD APPR: WOSHY REV		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
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		▽=0		3 PLACES ± --- ± ---		CHECKED BY DGRIFITHS		DATE 06-13-02			
		▽=0		2 PLACES ± 0.10 ± ---		APPROVED BY F. HOLUB		DATE 06-13-02			
				1 PLACE ± 0.3 ± ---		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 5 OF 6	
				0 PLACE ± ±		SEE NOTE 2a		SD-33472-081			
				ANGULAR ± 3 °		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

BACKSHELL CONFIGURATIONS

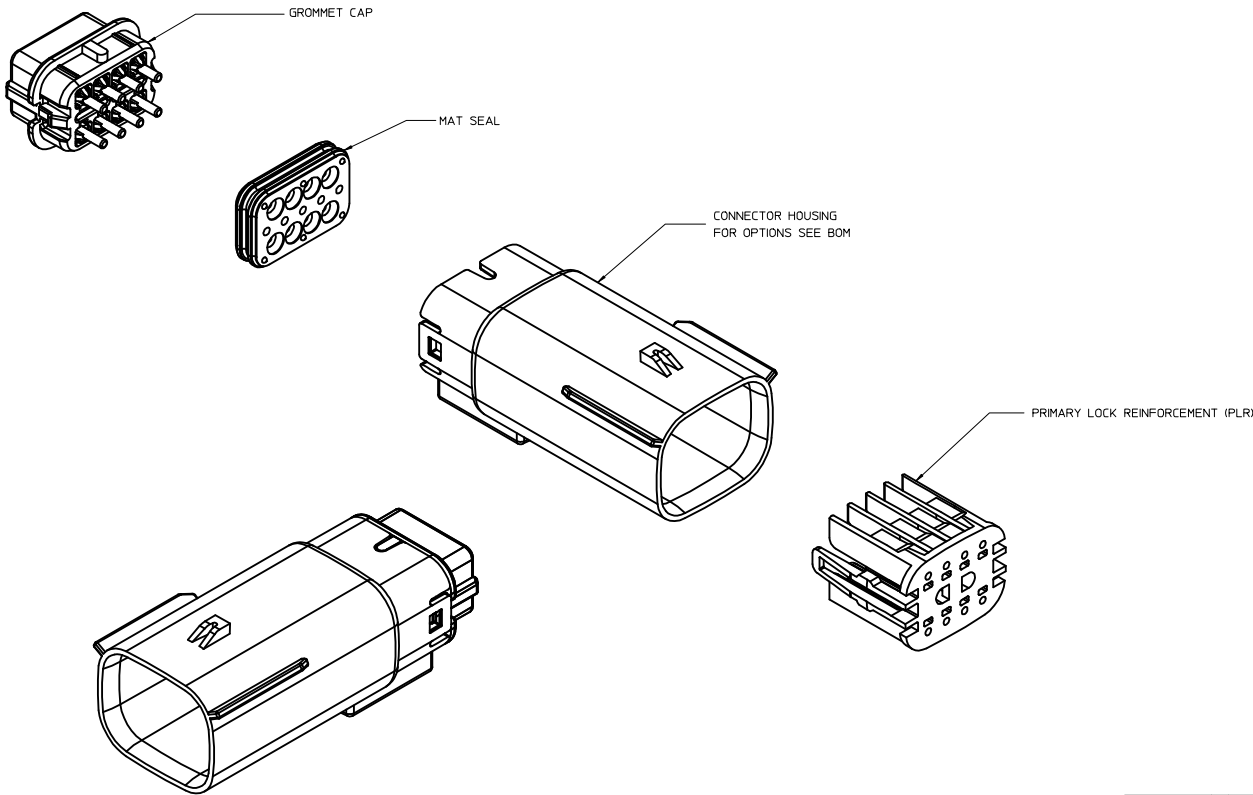


RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION EC NO: UAU2014-0008 DRAWN BY: 2013/07/02 CHKD: 2013/08/26 APPR: WOSHY	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
						DRAWN BY	DATE	TITLE		
						D. MARCOUX	06-13-02	MX150 2X4 RECEPTACLE		
						CHECKED BY	DATE	SEALED ASSEMBLY		
						DGR IFF ITHS	06-13-02	MAT SEAL		
REV	DESCRIPTION	ANGULAR ± 3 °				MATERIAL NO.		DOCUMENT NO.		SHEET NO. 6 OF 6
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE NOTE 2a		SD-33472-081		
						SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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

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5	BACKSHELL NOTES
6	BACKSHELL
7	BACKSHELL CONFIGURATIONS
8-9	BOM



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING
 - DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33472-081
 - FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33000-001.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 12mm TO 2.69mm.
 - ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION.
 - IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.molex.com <<http://www.molex.com>>.
 - ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 45 NEWTONS.
- b. PRODUCT SPECIFICATION SEE: PS-33472-000
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635
- 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)
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 ISO15715
- 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) CAD MODEL.
- g. LASER MARKING: TBD

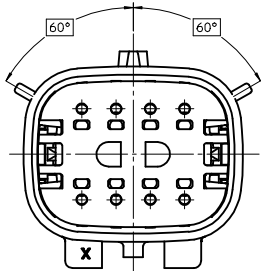
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ADDED:
REMOVED:

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AH2	ADDED NEW P/N 33482-0860
AH1	UPDATED VIEWSET & NOTES
AH	UPDATED GROMMET CAP
AG1	RENAMED BACKSHELLS
AG	ADDED NEW P/N 33482-0857 33482-0858 33482-0859
AF1	UPDATED DIMENSIONS TO MATCH MODEL
AF	ADDED NEW P/N 33482-0854 33482-0855 33482-0856
AE	COLOR REPLACEMENT FOR KEY C AND D PER USCAR STANDARD
AD	REDRAWN, ADDED BACKSHELL
REV	DESCRIPTION
DIMENSION STYLE	MM ONLY
SCALE	3:1
DESIGN UNITS	METRIC
THIRD ANGLE PROJECTION	
TITLE	MX150 2X4 BLADE SEALED ASSEMBLY MAT SEAL
MATERIAL NO.	SEE BOM
DOCUMENT NO.	SD-33482-081
SHEET NO.	1 OF 9

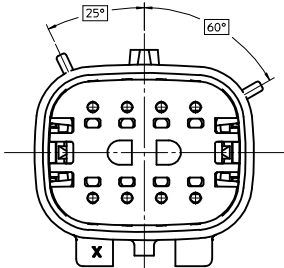
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$\nabla=0$	2 PLACES $\pm$ 0.10 $\pm$ ---
$\nabla=0$	1 PLACE $\pm$ 0.3 $\pm$ ---
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	ANGULAR $\pm$ 3 °
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REVISED	EC NO: UAU2014-0489	2013/09/23
DRAWN BY	CHYO	
CHECKED BY	APPR:VKOSHY	2013/09/27
DESCRIPTION		
REV		
AH3		

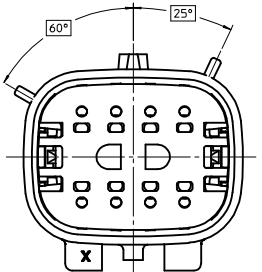
KEY CONFIGURATIONS



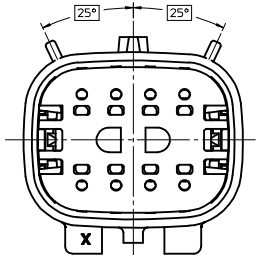
KEY A



KEY B



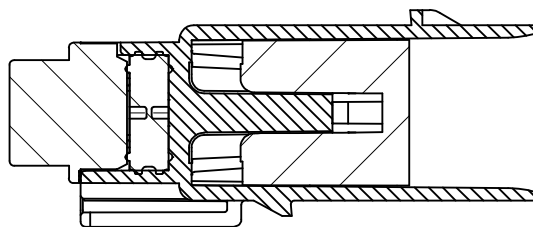
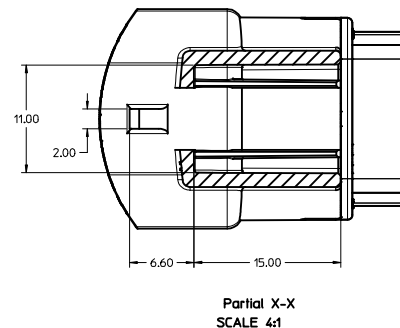
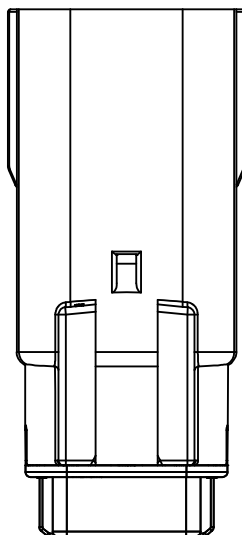
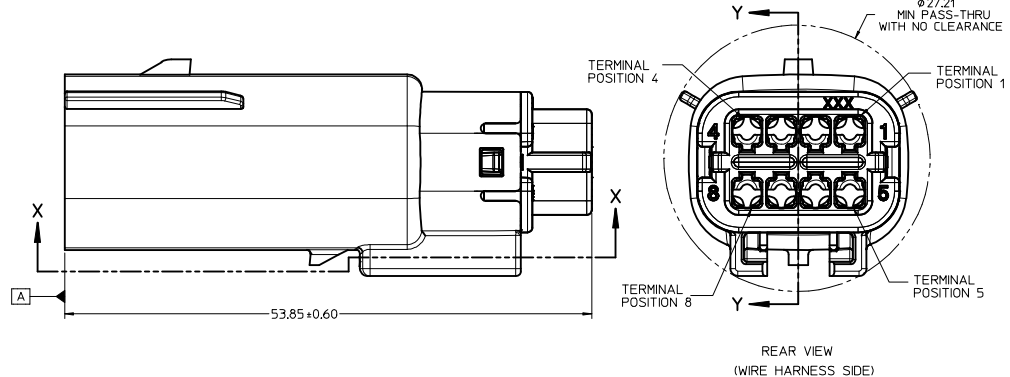
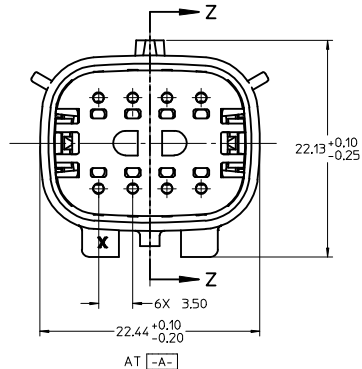
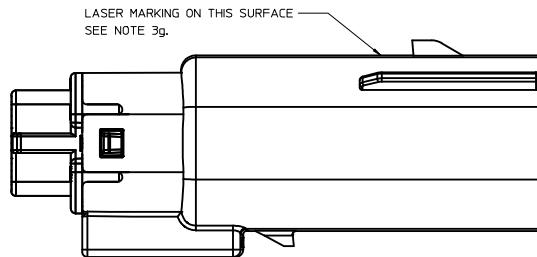
KEY C



KEY D

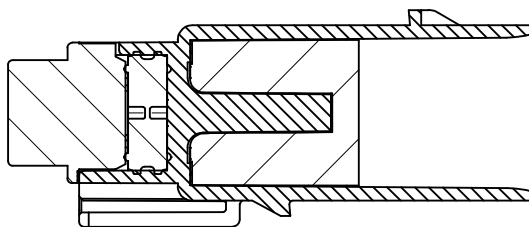
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			mm	INCH	DRAWN BY	DATE					DATE	
			4 PLACES ± --- ± ---	DMARCOUX	06-17-02	06-17-02						
			3 PLACES ± --- ± ---	CHECKED BY	DATE	DATE						
2 PLACES ± 0.10 ± ---	DGRIFTHS	06-17-02	2010/10/27									
1 PLACE ± 0.3 ± ---	APPROVED BY	DATE										
0 PLACE ± ±	VKOSHY	2010/10/27										
ANGULAR ± 3 °			MATERIAL NO.									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE BOM		SD-33482-081							
SIZE D			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN THE PRE-STAGED POSITION

SECTION Z-Z



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN THE FINAL-LOCK POSITION

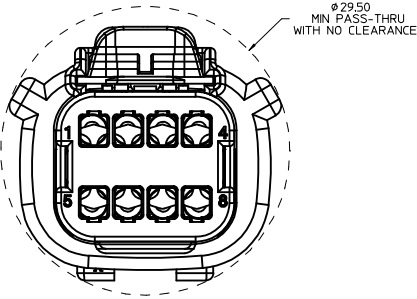
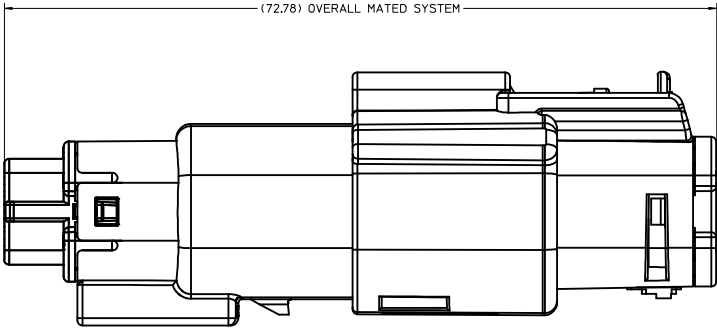
SECTION Y-Y

REVISED EC NO: UAU2014-0489 2013/09/13 DRAWN BY CHKD: APP: WKSHY 2013/09/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ± ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE DMARCOUX 06-17-02 CHECKED BY DATE DGRIFITHS 06-17-02 APPROVED BY DATE VKOSHY 2010/10/27	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MX150 2X4 BLADE SEALED ASSEMBLY MAT SEAL molex	DOCUMENT NO. SD-33482-081	SHEET NO. 3 OF 9

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

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

SYSTEM PACKAGING



29.50
MIN PASS-THRU
WITH NO CLEARANCE

REVISED EC NO: UAU2014-0489 DRAWN BY CHKD: APP: VKOSHY 2013/09/23 2013/09/27	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM ONLY							
		DRAWN BY		DATE					TITLE	DOCUMENT NO.	SHEET NO.
		CHECKED BY		DATE							
APPROVED BY		DATE									
REV DESCRIPTION	QUALITY SYMBOLS	DRAWN BY		DATE		TITLE	DOCUMENT NO.	SHEET NO.			
		CHECKED BY		DATE							
		APPROVED BY		DATE							
		MATERIAL NO.		DATE							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °		SEE BOM		SD-33482-081					
SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				4 OF 9					

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

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

BACKSHELL NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33482-081.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 12mm 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-34950-0001.

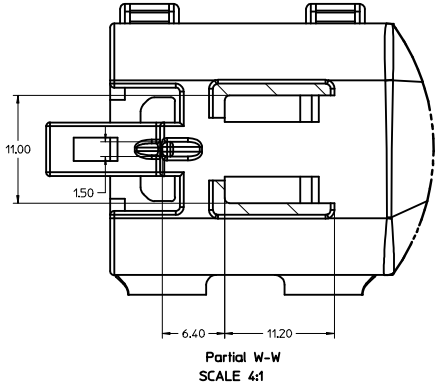
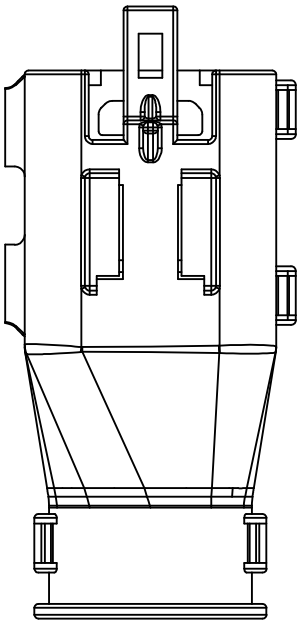
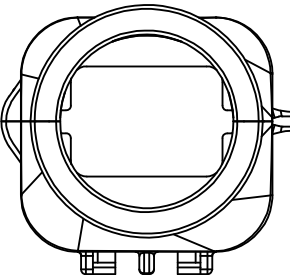
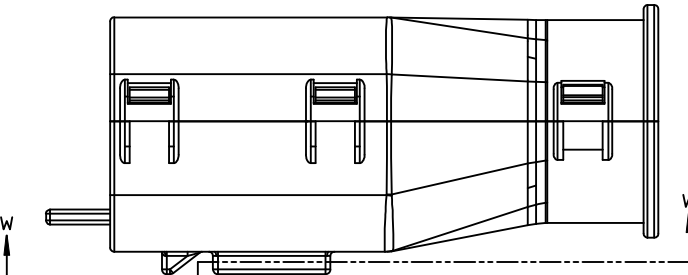
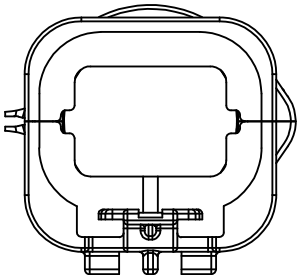
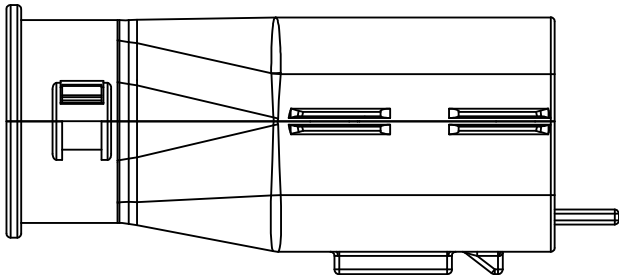
BACKSHELL (BKS)

BLADE SEALED ASSEMBLY

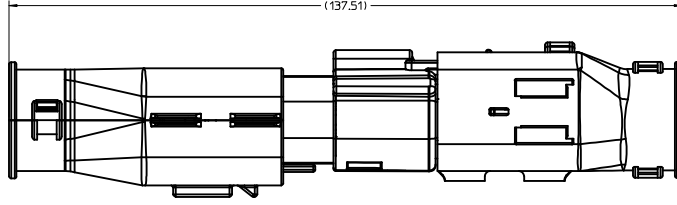
REVISED EC NO: UAU2014-0489 DRAWN BY CHKD: APP: VKOSHY 2013/09/23 2013/09/27	DESCRIPTION REV	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION			
					MM ONLY							
			4 PLACES	$\pm$ ---	$\pm$ ---	DRAWN BY	DATE	TITLE		MX150 2X4 BLADE SEALED ASSEMBLY MAT SEAL molex		
			3 PLACES	$\pm$ ---	$\pm$ ---	DMARCOUX	06-17-02					
			2 PLACES	$\pm$ 0.10	$\pm$ ---	CHECKED BY	DATE					
			1 PLACE	$\pm$ 0.3	$\pm$ ---	DGRIFFITHS	06-17-02					
			0 PLACE	$\pm$	$\pm$	APPROVED BY	DATE					
			ANGULAR $\pm$ 3 °		MATERIAL NO.		2010/10/27	DOCUMENT NO. SD-33482-081		SHEET NO. 5 OF 9		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE					SEE BOM	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

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

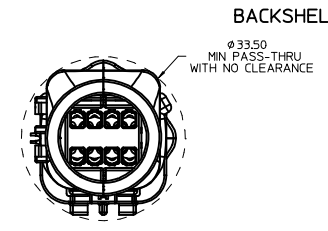
BACKSHELL
THE VIEWS ON THIS SHEET ARE
IN THE CLOSED UN-ASSEMBLED POSITION



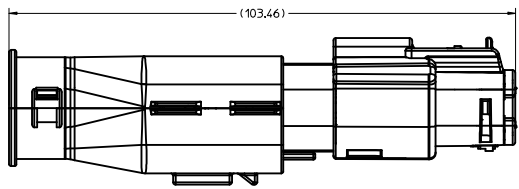
REVISED EC NO: UAU2014-0489 DRAWN BY: CHKO CHKD: APPR: VKOSHY 2013/09/12 2013/09/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
			MM ONLY		4:1	METRIC		
			DRAWN BY DATE		TITLE			
			DMARCOUX 06-17-02		MX150 2X4 BLADE			
			CHECKED BY DATE		SEALED ASSEMBLY			
	▽=0		mm	INCH				MAT SEAL
	▽=0	4 PLACES ± --- ± ---						
	▽=0	3 PLACES ± --- ± ---						
		2 PLACES ± 0.10 ± ---						
		1 PLACE ± 0.3 ± ---						
		0 PLACE ± ±						
		ANGULAR ± 3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE	SEE BOM		SD-33482-081		6 OF 9	
		MUST REMAIN WITHIN DIMENSIONS	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



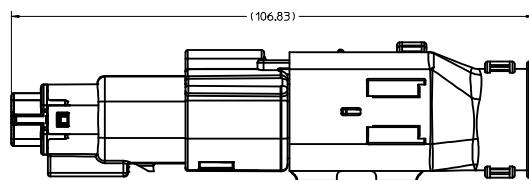
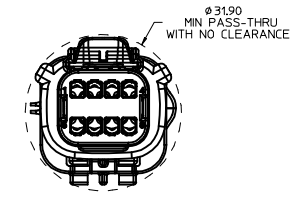
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



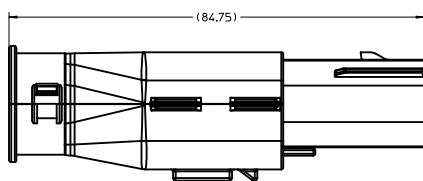
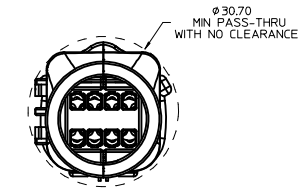
BACKSHELL CONFIGURATIONS



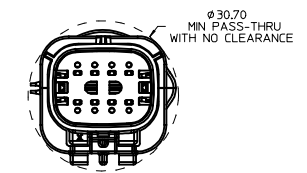
OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL



REVISED EC NO: UAU2014-0489 DRAWN BY CHKD: APP: VKOSHY REV DESCRIPTION 2013/09/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES	± 0.10	mm	INCH	DRAWN BY DMARCOUX	DATE 06-17-02	TITLE MX150 2X4 BLADE SEALED ASSEMBLY MAT SEAL	
	▽=0	3 PLACES	± 0.10	mm	INCH	CHECKED BY DGRIFITHS	DATE 06-17-02		
	▽=0	2 PLACES	± 0.3	mm	INCH	APPROVED BY VKOSHY	DATE 2010/10/27	DOCUMENT NO. SD-33482-081	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °		MATERIAL NO. SEE BOM		SHEET NO. 7 OF 9			

BOM SHEET 1

KEY A, BLACK	33482-0840	A								GCP		2	3		5	6		8			34950-0810	34950-0820	
KEY B, LIGHT GRAY	33482-0839		B							GCP								8			34950-0810	34950-0820	
KEY A, BLACK	33482-0838	A								GCP		2	3		5	6	7	8			34950-0810	34950-0820	
KEY A, BLACK	33482-0837	A								GCP	1			4							34950-0810	34950-0820	
KEY A, BLACK	33482-0836	A								GCP		2	3			6	7	8			34950-0810	34950-0820	
KEY A, BLACK	33482-0835	A								GCP								7	8		34950-0810	34950-0820	
KEY A, BLACK	33482-0834	A								GCP	1	2	3	4	5	6	7	8			34950-0810	34950-0820	
KEY A, BLACK	33482-0833	A								GCP	1			3	5						34950-0810	34950-0820	
KEY A, BLACK	33482-0832	A								GCP					5	6		8			34950-0810	34950-0820	
KEY A, BLACK	33482-0831	A								GCP			3		5	6					34950-0810	34950-0820	
KEY A, BLACK	33482-0830	A								GCP						6					34950-0810	34950-0820	
KEY A, BLACK	33482-0829	A								GCP	2	3	4	5	6	7					34950-0810	34950-0820	
KEY A, BLACK	33482-0828	A								GCP			3		5						34950-0810	34950-0820	
KEY A, BLACK	33482-0827	A								GCP									8		34950-0810	34950-0820	
KEY A, BLACK	33482-0826	A								GCP	1	2	3			6	7	8			34950-0810	34950-0820	
VOID KEY	33482-0825																						
KEY D, GREEN	33482-0824			D						GCP	1			4	5			8	NOT RECOMMENDED		34950-0810	34950-0820	
KEY C, BROWN	33482-0823			C						GCP	1			4	5			8	NOT RECOMMENDED		34950-0810	34950-0820	
KEY B, LIGHT GRAY	33482-0822		B							GCP	1			4	5			8			34950-0810	34950-0820	
KEY A, BLACK	33482-0821	A								GCP	1			4	5			8			34950-0810	34950-0820	
VOID KEY	33482-0820																						
KEY D, GREEN	33482-0819			D						GCP	1			4	5				NOT RECOMMENDED		34950-0810	34950-0820	
KEY C, BROWN	33482-0818			C						GCP	1			4	5				NOT RECOMMENDED		34950-0810	34950-0820	
KEY B, LIGHT GRAY	33482-0817			B						GCP	1			4	5						34950-0810	34950-0820	
KEY A, BLACK	33482-0816	A								GCP	1			4	5						34950-0810	34950-0820	
VOID KEY	33482-0815																						
KEY D, GREEN	33482-0814			D						GCP				4	5				NOT RECOMMENDED		34950-0810	34950-0820	
KEY C, BROWN	33482-0813			C						GCP				4	5				NOT RECOMMENDED		34950-0810	34950-0820	
KEY B, LIGHT GRAY	33482-0812			B						GCP				4	5						34950-0810	34950-0820	
KEY A, BLACK	33482-0811	A								GCP				4	5						34950-0810	34950-0820	
VOID KEY	33482-0810																						
KEY D, GREEN	33482-0809			D						GCP				4					NOT RECOMMENDED		34950-0810	34950-0820	
KEY C, BROWN	33482-0808			C						GCP				4					NOT RECOMMENDED		34950-0810	34950-0820	
KEY B, LIGHT GRAY	33482-0807		B							GCP				4							34950-0810	34950-0820	
KEY A, BLACK	33482-0806	A								GCP				4							34950-0810	34950-0820	
VOID KEY	33482-0805																						
KEY D, GREEN	33482-0804			D					GCO										NOT RECOMMENDED	SEE P/N 33482-0853	34950-0810	34950-0820	
KEY C, BROWN	33482-0803			C					GCO										NOT RECOMMENDED	SEE P/N 33482-0852	34950-0810	34950-0820	
KEY B, LIGHT GRAY	33482-0802		B						GCO												34950-0810	34950-0820	
KEY A, BLACK	33482-0801	A							GCO												34950-0810	34950-0820	
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	A	B	C	D	C	D	A	GCO	GCP	1	2	3	4	5	6	7	8	PRODUCTION TOOL STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS	
		BLOCKED TERMINAL											OPTIONAL ATTACHMENTS SOLD SEPERATELY										
		CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION																					
		CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																					

GROMMET SEAL	BURNT ORANGE	INHERENTLY LUBRICATED SILICONE
PLR	NATURAL	SPS/NYLON GF20
GROMMET CAP (PLUGGED)	BLACK	SPS/NYLON GF20
GROMMET CAP (OPEN)	BLACK	SPS/NYLON GF20
HOUSING KEYING OPTION A	YELLOW	SPS/NYLON GF20
HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION D	GREEN	SPS/NYLON GF20
HOUSING KEYING OPTION C	BROWN	SPS/NYLON GF20
HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20
DESCRIPTION	COLOR	MATERIAL

BOM/APPLICABLE COMPONENTS TABLE

TABLE LEGEND	
ABBREVIATION	COMPONENT
A	HOUSING KEY A
B	HOUSING KEY B
C	HOUSING KEY C
D	HOUSING KEY D
GCO	GROMMET CAP, OPEN
GCP	GROMMET CAP, PLUGGED
PLR	PRIMARY LOCK REINFORCEMENT
BKS	BACKSHELL

REVISED EC. NO. UAU2014-0489 DATE: 2013/09/13 DRAWN BY: CHKO CHKD: APPR: WDSHY REV: 1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		DRAWN BY DATE		TITLE				
		DMARCOUX 06-17-02		MX150 2X4 BLADE				
		CHECKED BY DATE		SEALED ASSEMBLY				
		DGRIFFIHS 06-17-02		MAT SEAL				
APPROVED BY DATE		molex						
WDSHY 2010/10/27								
MATERIAL NO.		DOCUMENT NO.						
SEE BOM		SD-33482-081		SHEET NO. 8 OF 9				
SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
ANGULAR ± 3 °								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

GROMMET SEAL	BURNT ORANGE	INHERENTLY LUBRICATED SILICON
PLR	NATURAL	SPS/NYLON GF20
GROMMET CAP (PLUGGED)	BLACK	SPS/NYLON GF20
GROMMET CAP (OPEN)	BLACK	SPS/NYLON GF20
HOUSING KEYING OPTION A	YELLOW	SPS/NYLON GF20
HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION D	GREEN	SPS/NYLON GF20
HOUSING KEYING OPTION C	BROWN	SPS/NYLON GF20
HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20
DESCRIPTION	COLOR	MATERIAL
BOM/APPLICABLE COMPONENTS TABLE		

TABLE LEGEND	
ABBREVIATION	COMPONENT
A	HOUSING KEY A
B	HOUSING KEY B
C	HOUSING KEY C
D	HOUSING KEY D
GCO	GROMMET CAP, OPEN
GCP	GROMMET CAP, PLUGGED
PLR	PRIMARY LOCK REINFORCEMENT
BKS	BACKSHELL

REVISIONS REC. NO. 1AU2014-0489 DATE 2013/09/23 CHKD: WOSHY APPR: WOSHY 2013/09/27	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± .mm	± .INCH	DRAWN BY	DATE	TITLE	MX150 2X4 BLADE SEALED ASSEMBLY MAT SEAL molex	SHEET NO. 9 OF 9
	▽=0	3 PLACES ± .mm	± .INCH	CHECKED BY	DATE			
	▽=0	2 PLACES ± .010	± .000	DGRF11THS	DATE			
	▽=0	1 PLACE ± .03	± .001	APPROVED BY	DATE			
	0 PLACE ± .mm	± .INCH	VKOSHY	2010/10/27	DOCUMENT NO.	SD-33482-081		
	ANGULAR ± 3°			MATERIAL NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE BOM				
	SIZE D			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				