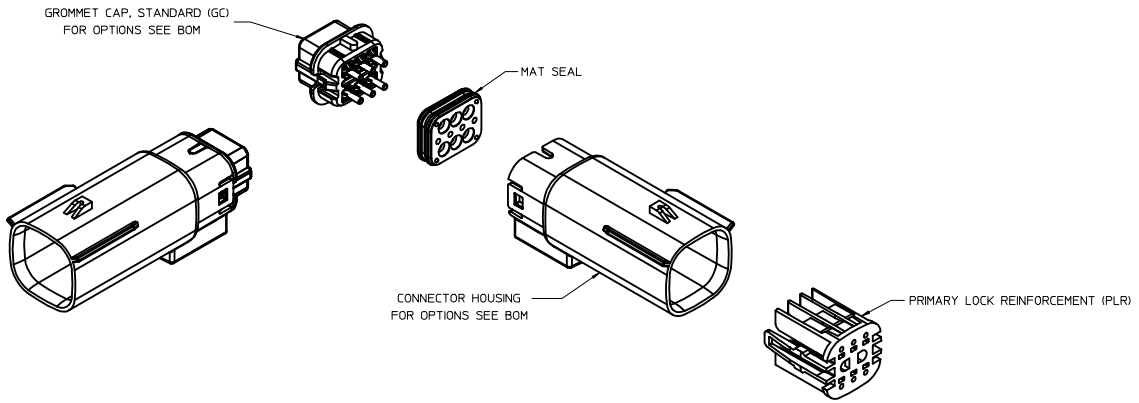
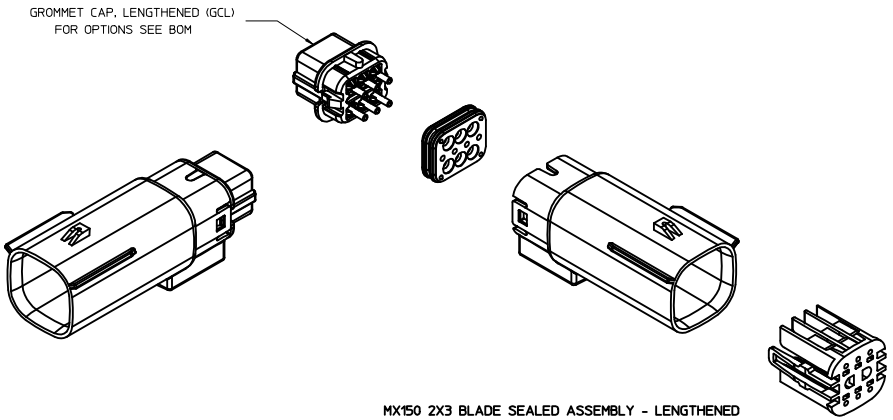
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	BLADE SEALED ASSEMBLY
4	SYSTEM PACKAGING
5	BACKSHELL NOTES
6	BACKSHELL
7	BACKSHELL CONFIGURATIONS
8	BOM



MX150 2X3 BLADE SELAED ASSSEMBLY - STANDARD (STD)



MX150 2X3 BLADE SEALED ASSEMBLY - LENGTHENED
UNLESS COMPONENT NOTED, SEE STANDARD ASSEMBLY

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 CHARTED DRAWING SD-33472-061 AND SD-33472-071.
-FOR 1.5mm BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE MOLEX DRAWING SD-33000-001
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
-ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION
-IN THE EVENTT 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 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 NUMBER LOG
LAST NUMBER USED: 5
ADDED:
REMOVED: 2

REV	DESCRIPTION
AA8	ADD NEW P/N 33482-0650 33482-0651
AA7	ADD NEW P/N 33482-0649
AA6	ADD NEW P/N 33482-0648
AA5	ADD NEW P/N 33482-0646 33482-0647
AA4	ADD NEW P/N 33482-0645
AA3	ADD NEW P/N 33482-0644
AA2	CHANGE PART NUMBER STATUS ADD NEW P/N 33482-0641 33482-0642 33482-0643

REVISED
EC NO: UAU2015-1383 2015/03/18
DRWN: TYE 2015/03/26
CHKD:
APPR: WOSHY
DESCRIPTION
REV AA8

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

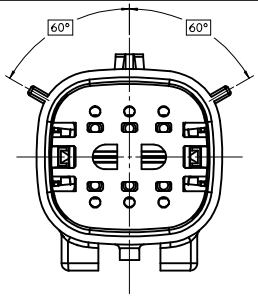
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.3	± ---
0 PLACE	±	±
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

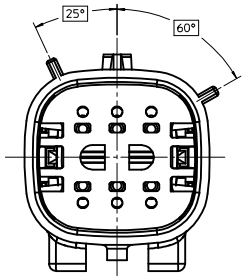
DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
DRAWN BY: MDICK DATE: 2011/07/22
CHECKED BY: MDICK DATE: 2011/12/19
APPROVED BY: DATE:
MATERIAL NO.: SEE BOM
TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL
molex
DOCUMENT NO.: SD-33482-061
SHEET NO.: 1 OF 9
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

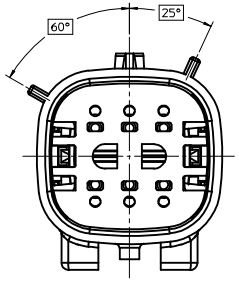
KEY CONFIGURATIONS



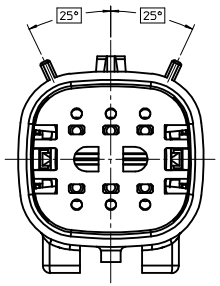
KEY A



KEY B



KEY C



KEY D

REVISED
EC NO: UAU2015-1383 2015/03/18
DRWN: TYE
CH'KD:
APPR: WOSHY 2015/03/26
DESCRIPTION
REV
AA8

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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MDICK DATE: 2011/07/22
CHECKED BY: MDICK DATE: 2011/12/19
APPROVED BY: DATE:

TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL

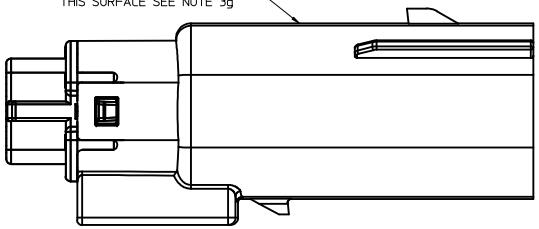
molex

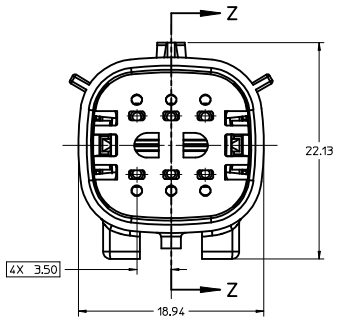
MATERIAL NO.: SEE BOM
DOCUMENT NO.: SD-33482-061
SHEET NO.: 2 OF 9

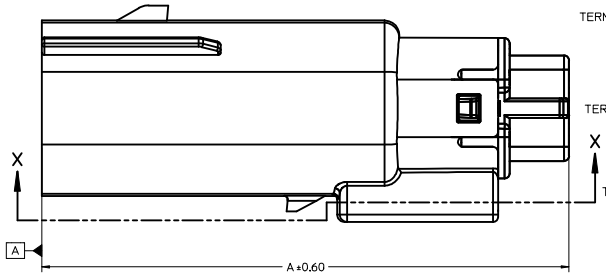
SIZE: D

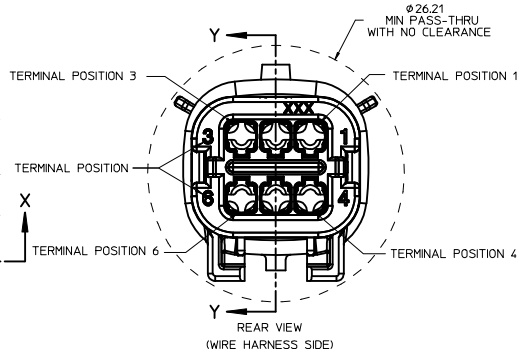
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

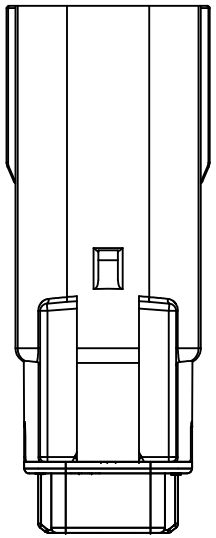
BLADE SEALED ASSEMBLY

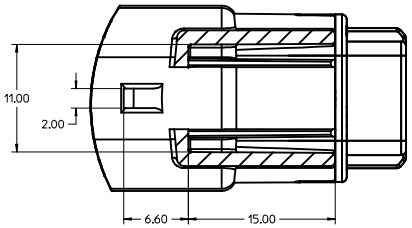




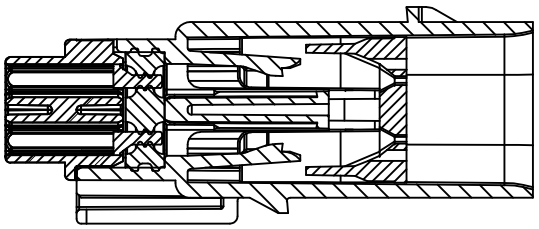




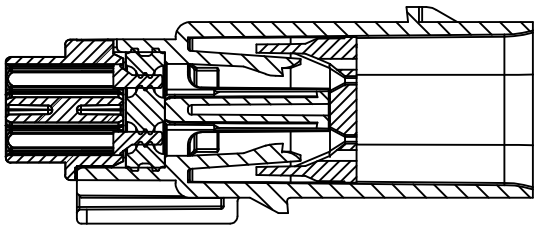




PartialX-X
SCALE 4:1



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



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION
SECTION Y-Y

CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 2X3 BLADE SEALED ASSEMBLY - STANDARD	53.85
MX150 2X3 BLADE SEALED ASSEMBLY - LENGTHENED	55.85

REVISED
EC NO: UAU2015-1383 2015/03/18
DRWN: TYE
CH'KD:
APPR: WKOSHY 2015/03/26
DESCRIPTION
REV
AA8

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 °

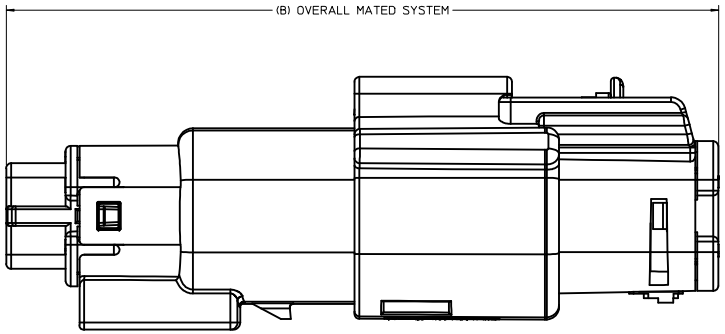
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

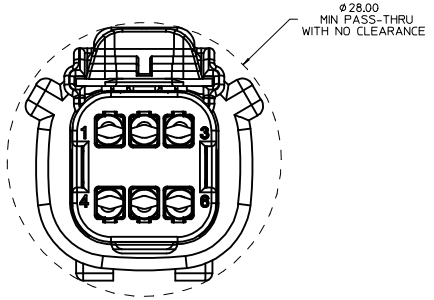
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MDICK DATE: 2011/07/22
CHECKED BY: MDICK DATE: 2011/12/19
APPROVED BY: DATE:
MATERIAL NO.: SEE BOM

TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL
molex
DOCUMENT NO.: SD-33482-061
SHEET NO.: 3 OF 9
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION





CHARTED DIMENSIONS	
CONFIGURATION	B
MX150 2X3 BLADE SEALED ASSEMBLY - STANDARD	72.78
MX150 2X3 BLADE SEALED ASSEMBLY - LENGTHENED	74.79

CHARTED DIMENSIONS	
CONFIGURATION	C
MX150 2X3 RECEPTACLE SEALED ASSEMBLY WITHOUT CLIPSLOT	30.50
MX150 2X3 RECEPTACLE SEALED ASSEMBLY WITH CLIPSLOT	28.00

REVISED
EC NO: UAU2015-1383 2015/03/18
DRWN: TYE
CH'KD:
APPR: WKOSHY 2015/03/26
DESCRIPTION
REV
AA8

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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MDICK DATE: 2011/07/22
CHECKED BY: MDICK DATE: 2011/12/19
APPROVED BY: DATE:
MATERIAL NO.: SEE BOM

TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL

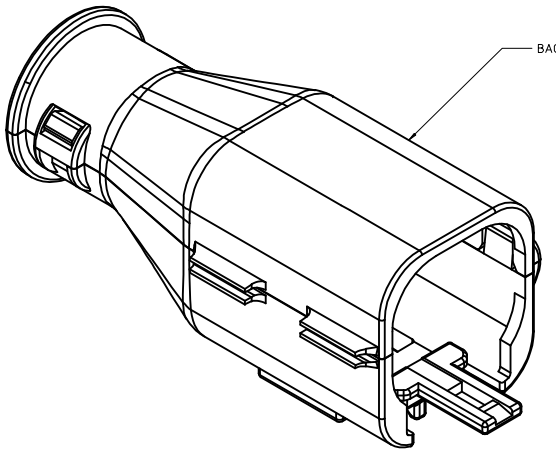
molex

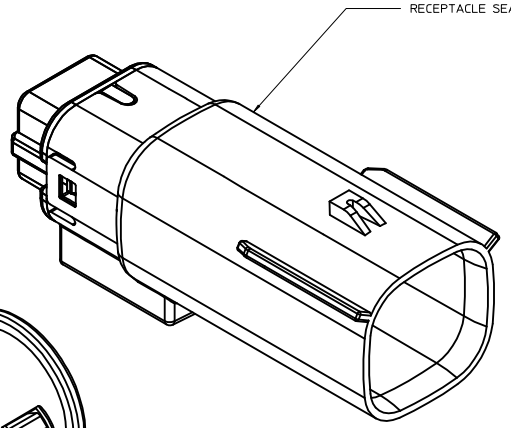
DOCUMENT NO.: SD-33482-061
SHEET NO.: 4 OF 9

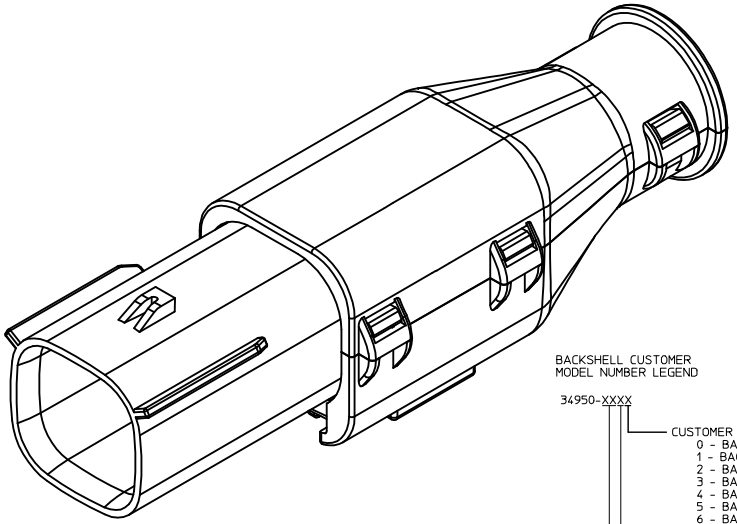
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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-33482-061.
-SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
-COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPARATELY
-BACKSHELL DESIGN IS OWNED BY SCHLEMMER
-FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34950-0001.

BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34950-XXXX

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
5 - BACKSHELL & MX150 2X3 LENGTHENED HOUSING KEY A ASSEMBLY
6 - BACKSHELL & MX150 2X3 LENGTHENED HOUSING KEY B ASSEMBLY
7 - BACKSHELL & MX150 2X3 LENGTHENED HOUSING KEY C ASSEMBLY
8 - BACKSHELL & MX150 2X3 LENGTHENED HOUSING KEY D ASSEMBLY

BACKSHELL FEATURES
1 - WITH RIBS
2 - WITHOUT RIBS

MX150 CIRCUIT SIZE 04, 06, 08, 12, 16, 20

REVISED	EC NO: UAU2015-1383	DRWN: TYE	CH'KD:	APPR: WKOSHY	DESCRIPTION	REV
		2015/03/18		2015/03/26		AA8

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
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	MDICK
DATE	2011/07/22
CHECKED BY	MDICK
DATE	2011/12/19
APPROVED BY	
DATE	
MATERIAL NO.	SEE BOM
SIZE	D

TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL

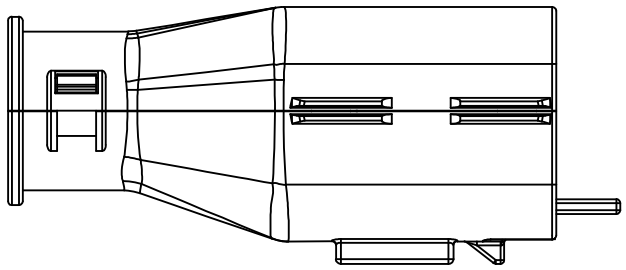
molex

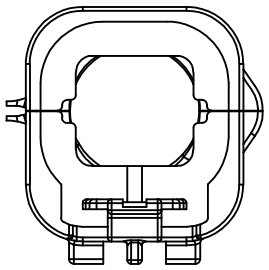
DOCUMENT NO.: SD-33482-061

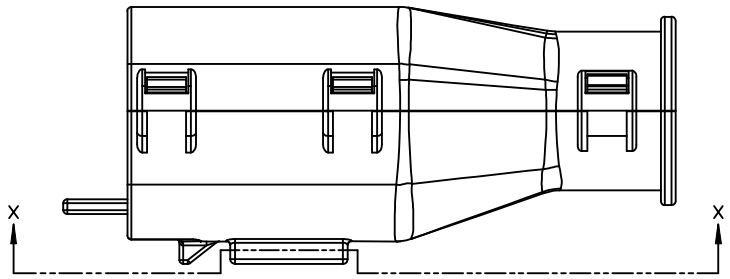
SHEET NO.: 5 OF 9

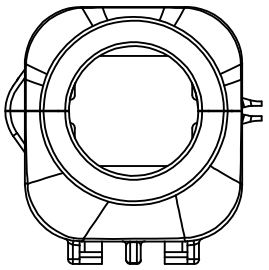
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

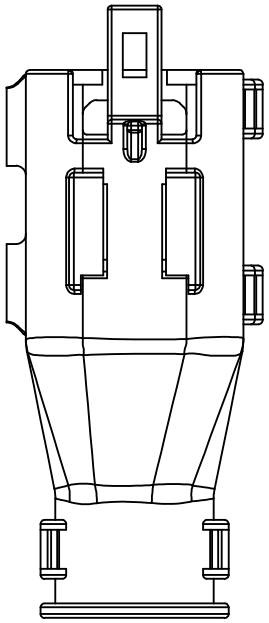
BACKSHELL
THE VIEWS ON THIS SHEET ARE
IN THE CLOSED UN-ASSEMBLED POSITION

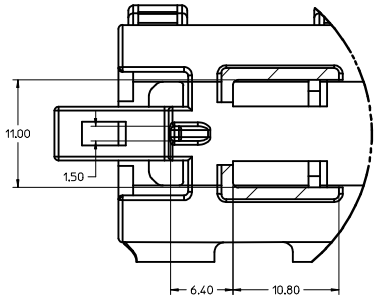












Partial X-X
SCALE 4:1

REVISED EC NO: UAU2015-1383 DRWN: TYE CHKD: APPR: WKOSHY	2015/03/18 2015/03/26	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE
						MM ONLY	4:1
						DESIGN UNITS	THIRD ANGLE PROJECTION
						METRIC	

mm	INCH	QUALITY SYMBOLS
4 PLACES ± ---	± ---	=0
3 PLACES ± ---	± ---	=0
2 PLACES ± 0.10	± ---	=0
1 PLACE ± 0.3	± ---	=0
0 PLACE ±	±	
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRAWN BY	MDICK 2011/07/22
CHECKED BY	MDICK 2011/12/19
APPROVED BY	DATE
MATERIAL NO.	SEE BOM
SIZE	D

TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL

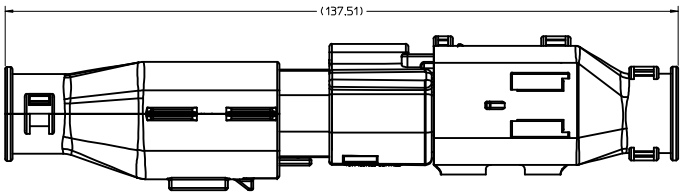
molex

DOCUMENT NO.: SD-33482-061

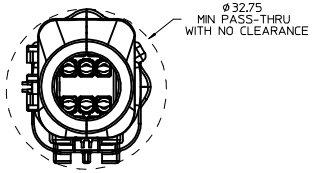
SHEET NO.: 6 OF 9

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

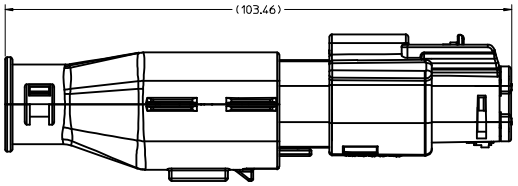
AA8

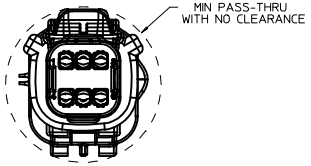


BACKSHELL CONFIGURATIONS

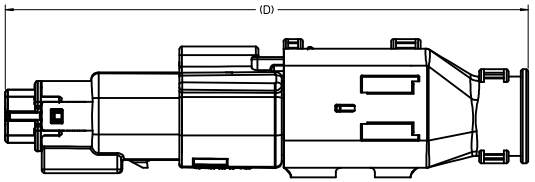


OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL

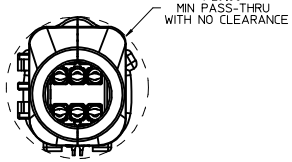




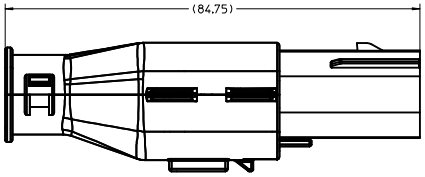
OVERALL MATED SYSTEM WITH BLADE BACKSHELL

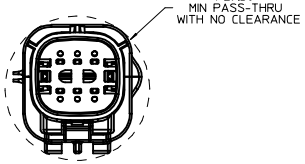


CHARTED DIMENSIONS	
CONFIGURATION	D
MX150 2X3 BLADE SEALED ASSEMBLY - STANDARD	106.83
MX150 2X3 BLADE SEALED ASSEMBLY - LENGTHENED	108.71



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL





BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

REVISED
EC NO: UAU2015-1383 2015/03/18
DRWN: TYE
CH'KD:
APPR: KOSHY 2015/03/26
DESCRIPTION
REV
AA8

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
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MDICK DATE: 2011/07/22
CHECKED BY: MDICK DATE: 2011/12/19
APPROVED BY: DATE:

TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL

molex

MATERIAL NO.: SEE BOM
DOCUMENT NO.: SD-33482-061
SHEET NO.: 7 OF 9
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	A	B	C	D	C	D	GC	GCL	1	2	3	4	5	6	STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		BLOCKED TERMINAL																	
CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		OPTIONAL ATTACHMENTS SOLD SEPARATELY	
KEY D, STONE GRAY	33482-0643						D	GC				3	4			SALEABLE		34950-0610	34950-0620
KEY C, DARK GRAY	33482-0642					C		GC				3	4			SALEABLE		34950-0610	34950-0620
KEY D, STONE GRAY	33482-0641						D	GC				3				SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0640	A						GC					4			SALEABLE		34950-0610	34950-0620
KEY A W/ LENGTHENED CAP, BLACK	33482-0639	A							GCL	1	2	3	4	5	6	SALEABLE		34950-0610	34950-0620
KEY C, DARK GRAY	33482-0638					C		GC				3				SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0637	A						GC			2				6	SALEABLE		34950-0610	34950-0620
KEY A W/ LENGTHENED CAP, BLACK	33482-0636	A							GCL			3				SALEABLE		34950-0610	34950-0620
KEY C W/ LENGTHENED CAP, DARK GRAY	33482-0635					C			GCL			3				SALEABLE		34950-0610	34950-0620
KEY D W/ LENGTHENED CAP, STONE GRAY	33482-0634						D		GCL							TOOLED BUT NOT VALIDATED		34950-0610	34950-0620
KEY C W/ LENGTHENED CAP, DARK GRAY	33482-0633					C			GCL							SALEABLE		34950-0610	34950-0620
KEY B W/ LENGTHENED CAP, LIGHT GRAY	33482-0632		B						GCL							TOOLED BUT NOT VALIDATED		34950-0610	34950-0620
KEY A W/ LENGTHENED CAP, BLACK	33482-0631	A							GCL							SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0630	A						GC				3			6	SALEABLE		34950-0610	34950-0620
KEY D, STONE GRAY	33482-0629						D	GC								TOOLED BUT NOT VALIDATED		34950-0610	34950-0620
KEY C, DARK GRAY	33482-0628					C		GC								SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0627	A						GC			2	3		5	6	SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0626	A						GC		1	2	3	4			SALEABLE		34950-0610	34950-0620
KEY B, LIGHT GRAY	33482-0625		B					GC		1				5		TOOLED BUT NOT VALIDATED		34950-0610	34950-0620
KEY A, BLACK	33482-0624	A						GC							6	SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0623	A						GC						5		SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0622	A						GC					4	5	6	SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0621	A						GC		1			4	5		SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0620	A						GC		1	2	3	4	5	6	SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0619	A						GC			2	3	4	5		SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0618	A						GC						5	6	SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0617	A						GC			2					SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0616	A						GC				3				SAME AS P/N 33482-0606		34950-0610	34950-0620
VOID KEY	33482-0615																		
KEY D, GREEN	33482-0614				D			GC				3	4			NOT RECOMMENDED, SEE 33482-0643		34950-0610	34950-0620
KEY C, BROWN	33482-0613			C				GC				3	4			NOT RECOMMENDED, SEE 33482-0642		34950-0610	34950-0620
KEY B, LIGHT GRAY	33482-0612		B					GC				3	4			SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0611	A						GC				3	4			SALEABLE		34950-0610	34950-0620
VOID KEY	33482-0610																		
KEY D, GREEN	33482-0609				D			GC				3				NOT RECOMMENDED, SEE 33482-0641		34950-0610	34950-0620
KEY C, BROWN	33482-0608			C				GC				3				NOT RECOMMENDED, SEE 33482-0638		34950-0610	34950-0620
KEY B, LIGHT GRAY	33482-0607		B					GC				3				SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0606	A						GC				3				SALEABLE		34950-0610	34950-0620
VOID KEY	33482-0605																		
KEY D, GREEN	33482-0604				D			GC								NOT RECOMMENDED, SEE 33482-0629		34950-0610	34950-0620
KEY C, BROWN	33482-0603			C				GC								NOT RECOMMENDED, SEE 33482-0628		34950-0610	34950-0620
KEY B, LIGHT GRAY	33482-0602		B					GC								SALEABLE		34950-0610	34950-0620
KEY A, BLACK	33482-0601	A						GC								SALEABLE		34950-0610	34950-0620

DESCRIPTION	COLOR	MATERIAL
STANDARD PLR	NATURAL	SPS/NYLON GF20
MAT SEAL	BURNT ORANGE	INHERENTLY LUBRICATED SILICONE
GROMMET CAP, LENGTHENED	BLACK	SPS/NYLON GF20
GROMMET CAP, STANDARD	BLACK	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

BOM/APPLICABLE COMPONENTS TABLE

TABLE LEGEND	
ABREVIATION	COMPONENT
A	HOUSING KEY A
B	HOUSING KEY B
C	HOUSING KEY C
D	HOUSING KEY D
GC	GROMMET CAP, STANDARD
GCL	GROMMET CAP, LENGTHENED
M	MAT SEAL
P	PLR, STANDARD
BKS	BACKSHELL

REVISED
EC NO: UAU2015-1383 2015/03/18
DRWN: TYE
CH'KD:
APPR: WJOSHY 2015/03/26
DESCRIPTION
REV
AA8

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
SCALE
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
DRAWN BY: MDICK DATE: 2011/07/22
CHECKED BY: MDICK DATE: 2011/12/19
APPROVED BY DATE
MATERIAL NO.: SEE BOM
TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL
molex
DOCUMENT NO.: SD-33482-061
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

BOM SHEET 2

	ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	A	B	C	D	C	D	A	GC	GCL	1	2	3	4	5	6	STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
			BLOCKED TERMINAL																	OPTIONAL ATTACHMENTS SOLD SEPARATELY	
			CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		
(AA8)	KEY A, BLACK	33482-0651	A							GC			2		4		6	SALEABLE		34950-0610	34950-0620
(AA8)	KEY A, BLACK	33482-0650	A							GC		1		3		5		SALEABLE		34950-0610	34950-0620
	KEY A, BLACK	33482-0649	A							GC					4		6	SALEABLE		34950-0610	34950-0620
	KEY C, DARK GRAY	33482-0648				C				GC							6	SALEABLE		34950-0610	34950-0620
	KEY B, LIGHT GRAY	33482-0647		B						GC			2	3				SALEABLE		34950-0610	34950-0620
	KEY A, BLACK	33482-0646	A							GC			2	3				SALEABLE		34950-0610	34950-0620
	KEY A, BLACK	33482-0645	A							GC				3	4	5	6	SALEABLE		34950-0610	34950-0620
	KEY A, YELLOW	33482-0644							A	GC								SALEABLE		34950-0610	34950-0620

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

BOM/APPLICABLE COMPONENTS TABLE

ENTER DESCRIPTION
EC NO: UAU2015-1383 2015/03/18
DRWN: TYE
CHKD:
APPR: WOSHY 2015/03/26
DESCRIPTION
REV
AA8

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
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
DRAWN BY: MDICK DATE: 2011/07/22
CHECKED BY: MDICK DATE: 2011/12/19
APPROVED BY: DATE:
TITLE: MX150 2X3 BLADE SEALED ASSEMBLY MAT SEAL
molex
MATERIAL NO.: SEE BOM
DOCUMENT NO.: SD-33482-061
SHEET NO.: 9 OF 9
SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION