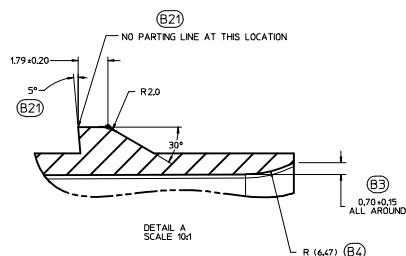
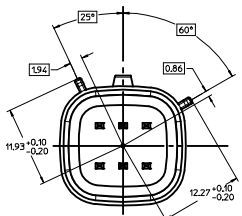


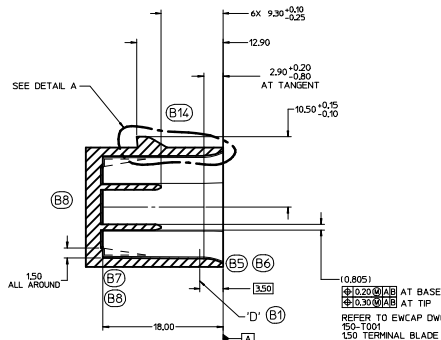
KEYING OPTION A
SCALE 4:1



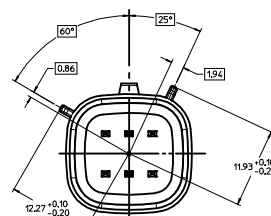
DETAIL A
SCALE 10:1



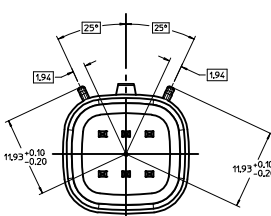
KEYING OPTION B
SCALE 4:1



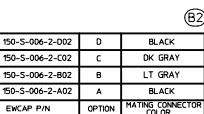
SECTION A-A



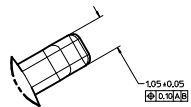
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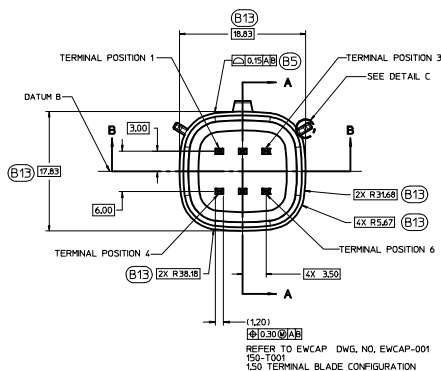
KEYING OPTION D
SCALE 4:1



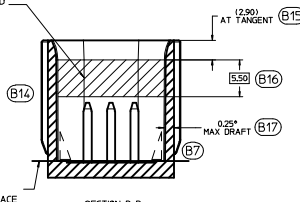
(B2)



DETAIL C
SCALE 20:1
APPLIES 2X
SEE KEYING OPTION VIEWS
FOR POSITIONS

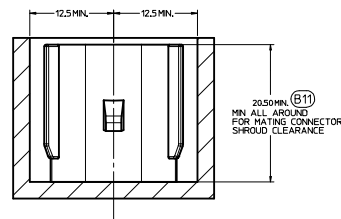


(B19) SURFACE MUST BE FREE OF SURFACE DEFECTS PARTING LINES FOR SEALING ALL AROUND

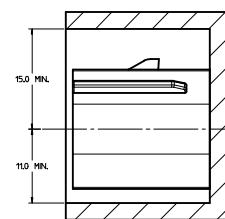


SECTION B-B

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



PACKAGING FRAME

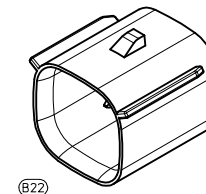


NOTICE

THIS DRAWING OR PORTIONS OF IT, ARE CONTROLLED BY THE ELECTRICAL WIRING COMPONENTS APPLICATION PARTNERSHIP (EWCAP), A SUBGROUP OF THE UNITED STATES CONSORTIUM FOR AUTOMOTIVE RESEARCH LLC (USCAR), A JOINT VENTURE OF THE FORD MOTOR COMPANY, THE GENERAL MOTORS CORPORATION AND CHRYSLER. ANY CHANGING, REPRODUCTION OR DISTRIBUTION OF THIS DRAWING, INCLUDING ANY REVISIONS, MUST BE PREVIOUSLY APPROVED, IN WRITING, BY THE RESPONSIBLE EWCAP MEMBER FROM EACH USCAR COMPANY. EACH EWCAP MEMBER IS AUTHORIZED TO SIGN THIS DRAWING AS OR FOR HIS OR HER COMPANY, IN OBTAINING ALL NECESSARY APPROVALS WITHIN THAT COMPANY. ANY CHANGING, REPRODUCTION OR DISTRIBUTION OF THIS DRAWING EXPRESSLY PROHIBITS ANY PARTY FROM CHANGING EITHER ANY EWCAP CONTROLLED PORTION OF THIS DRAWING OR ANY ASSOCIATED TOOLING THEREOF WITHOUT PREVIOUS APPROVAL, SIGNED BY AN AUTHORIZED REPRESENTATIVE FROM EACH EWCAP PARTNER. REFERENCE TO THE SIGNED PORTION OF THIS DRAWING MUST BE ENTERED IN THIS DRAWING'S CONTROL COLUMN.

NOTES: UNLESS OTHERWISE SPECIFIED (B18)

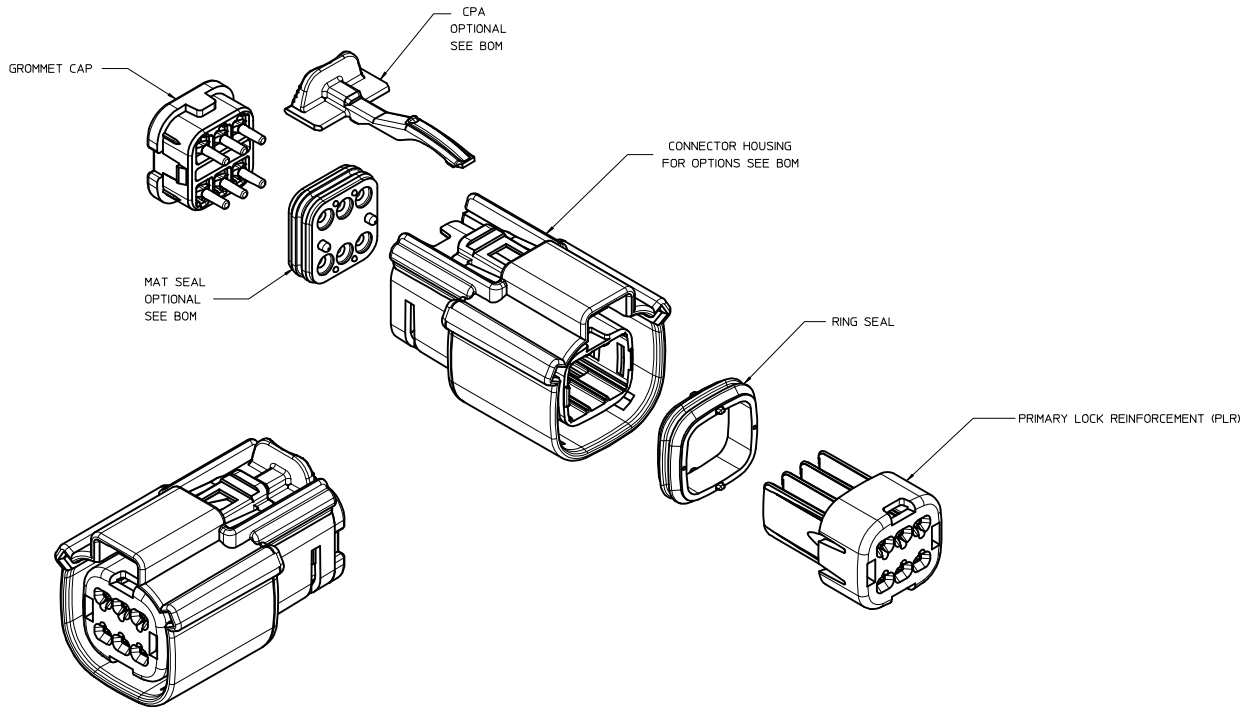
1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5-1994
3. 0.25 RADII ON ALL CORNERS SHOWN SHARP.
4. UNSTANDARD RADII 0.25 EXCEPT AS NOTED.
5. SPECIFIED COLORS FOR POLARIZATION (SEE CHART).
6. DIMENSIONING REQUIRES AVERAGE OF TWO MEASURED PERSON.
7. REFER TO "SAE/AUSCAR 12 CONNECTOR GUIDELINES" FOR ADDITIONAL REQUIREMENTS.
8. EXCEPT WHERE NOTED, DRAW ON OUTSIDE SURFACES IS PERMISSIBLE WITH TOLERANCE.
9.  SYMBOL INDICATES DRAW DIRECTION.
10. FINISH: TERMINAL, DIMENSIONAL AND COATING REQUIREMENTS AND ALL BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS DRAWING SEE EWCAP DWG. NO, EWCAP-001
11. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED SUCH THAT THE FULL SHROUD MEMBER POLARIZATION FEATURES OPERATING A THRU IT WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS THE USER FROM SEEING THE USER PINS. REFER TO "SAE/AUSCAR-12 CONNECTOR DESIGN GUIDELINES" FOR ADDITIONAL INFORMATION.
12. REFER TO USCAR/CAVAC PART LIST AS FOUND ON WEBSITE <http://www.uscarotems.org>
13. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION ON THIS DRAWING, REFER TO THE CAD MODEL.



(B22)

[illegible]

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4	BACKSHELL NOTES
5	BACKSHELL
6	BACKSHELL CONFIGURATIONS
7-8	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 DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-006-2-202, AVAILABLE AT <<http://ewcap.uscarteams.org/>>.
- DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33482-061
- 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 12mm TO 2.69mm.
- ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION 2-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-31300-993
- 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:1525)
- f. FOR INFORMATION ON 2X3 RECEPTACLE SEALED ASSEMBLY WITH CLIPSLOT SEE SD-33472-071
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

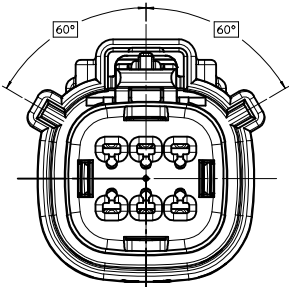
INSPECTION NUMBER LOG
LAST NUMBER USED:
ADDED:
REMOVED:

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		mm INCH		DRAWN BY DATE DGRIFFI THS 06-05-03				
		3 PLACES ± --- ± ---		CHECKED BY DATE DGRIFFI THS 06-05-03				
		2 PLACES ± 0.10 ± ---		APPROVED BY DATE VKOSHY 2010/03/04				
1 PLACE ± 0.3 ± ---		0 PLACE ± ±		ANGULAR ± 3 °		MATERIAL NO. SEE BOM		DOCUMENT NO. SD-33472-061
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

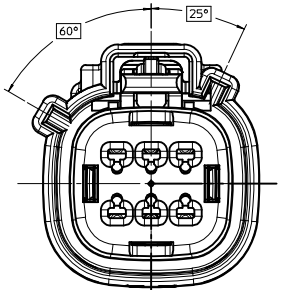
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X8	ADD NEW P/N 33472-0681
X7	UPDATED BACKSHELL
X6	RENAMED BACKSHELLS
X5	ADD NEW P/N 33472-0678 33472-0679
	33472-0680
X4	UPDATED VIEWS
X3	UPDATED NOMENCLATURE SHEET 3
X2	ADD NEW P/N 33472-0677
X1	UPDATED NOTES
X	REDRAWN, ADDED BACKSHELL
REV	DESCRIPTION

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

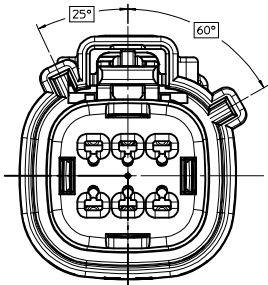
KEY CONFIGURATIONS



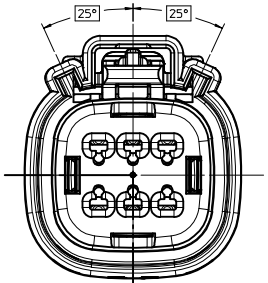
KEY A



KEY B



KEY C

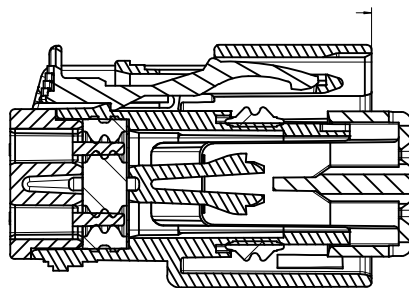
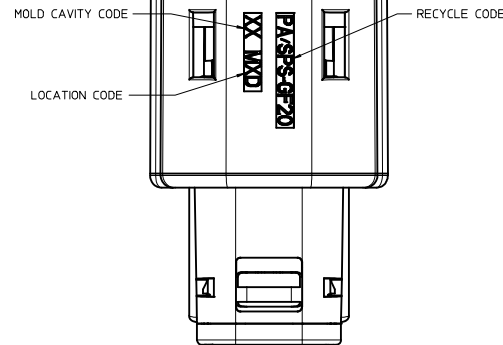
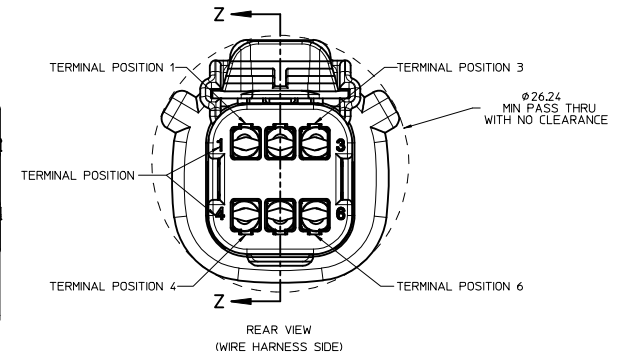
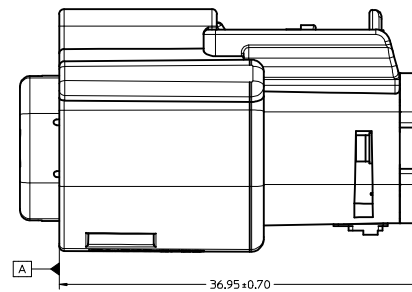
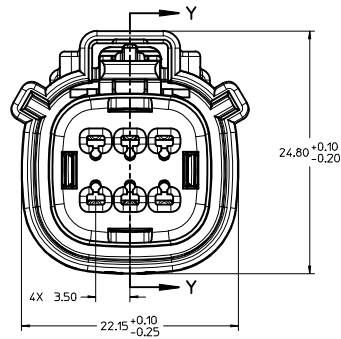
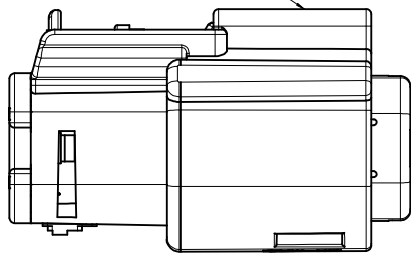


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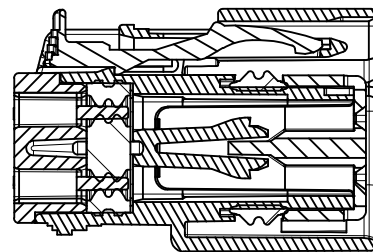
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			mm	INCH	DRAWN BY DGR IFFI THS	DATE 06-05-03	TITLE MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex				
		4 PLACES	± ---	± ---	CHECKED BY DGR IFFI THS	DATE 06-05-03					
		3 PLACES	± ---	± ---	APPROVED BY VKOSHY		DATE 2010/03/04				
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 8			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE BOM		SD-33472-061					
X9	REC	SIZE		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

LASER MARKING ON THIS SURFACE
SEE NOTE 3g.



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



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

ENTER DESCRIPTION IEC NO: UAU2013-1966 DRAWN/CUNNINGHAM 2013/06/11 CHKD: APPR: VKOSHY 2013/06/20 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	DOCUMENT NO. SD-33472-061	SHEET NO. 3 OF 8
		mm INCH		DRAWN BY DATE DGRIFITHS 06-05-03		APPROVED BY DATE VKOSHY 2010/03/04					
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		3 PLACES ± --- ± ---		DGRIFITHS 06-05-03							
X9	REV	2 PLACES ± 0.10 ± ---		MATERIAL NO. SEE BOM		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		1 PLACE ± 0.3 ± ---									
		0 PLACE ± ±									
ANGULAR ± 3 °											
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 NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION SEE: AS-34951-001

-DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY

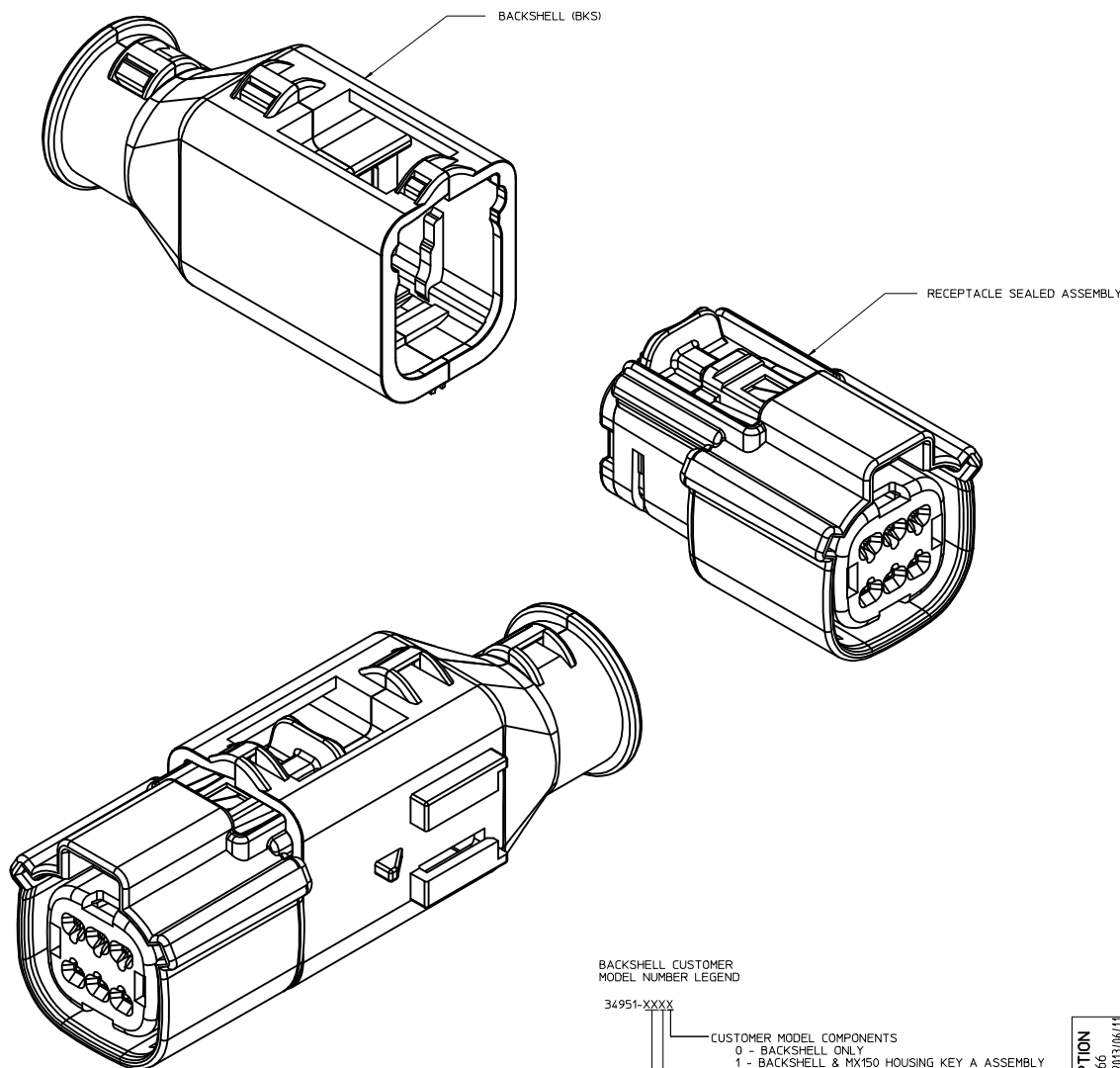
AS SPECIFIED IN DRAWING SD-33472-061

-SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2 mm TO 2.69 mm.

-COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPARATELY

-BACKSHELL DESIGN IS OWNED BY SCHLEMMER

-FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34951-0001



BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34951-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

BACKSHELL FEATURES

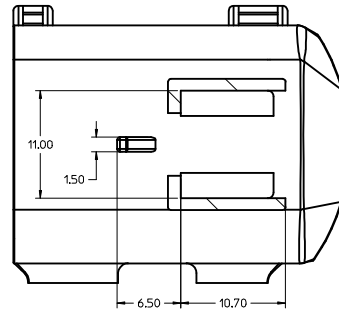
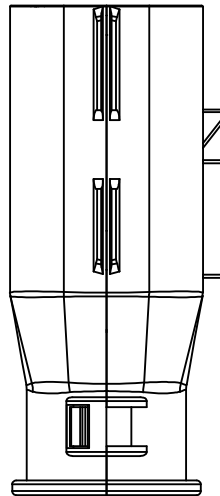
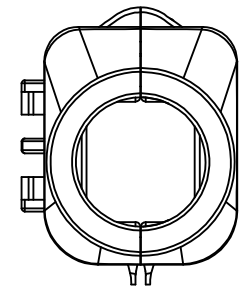
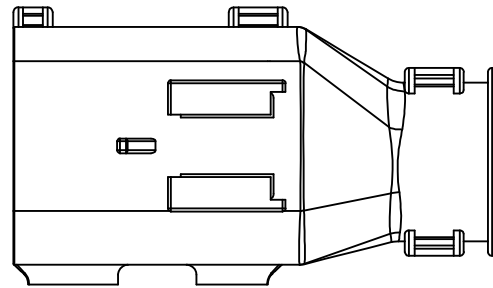
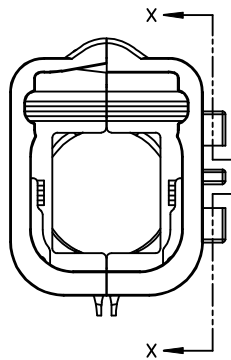
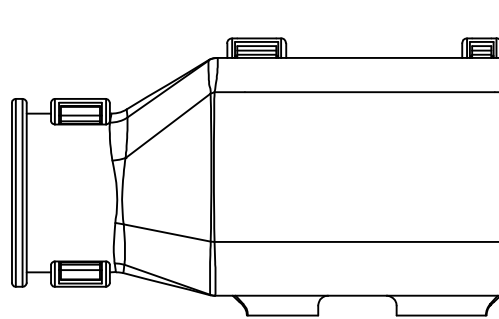
1 - WITH RIBS

2 - WITHOUT RIBS

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

ENTER DESCRIPTION IEC NO: UAU2013-1966 DRAWN/CUNNINGHAM 2013/06/11 CHKD: APPR: VKOSHY 2013/06/20	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH					
		4 PLACES	± .005	± .005	DRAWN BY DGRIFITHS	DATE 06-05-03	TITLE MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	DOCUMENT NO. SD-33472-061	SHEET NO. 4 OF 8
		3 PLACES	± .010	± .010	CHECKED BY DGRIFITHS	DATE 06-05-03			
		2 PLACES	± 0.10	± .010	APPROVED BY VKOSHY	DATE 2010/03/04			
1 PLACE	± 0.3	± .030	MATERIAL NO. SEE BOM						
X9	VIEW	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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



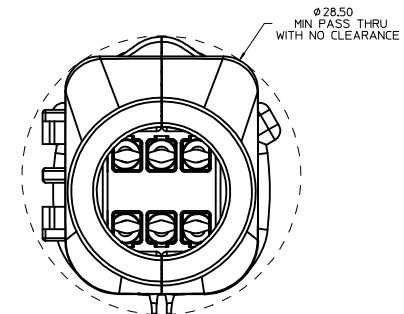
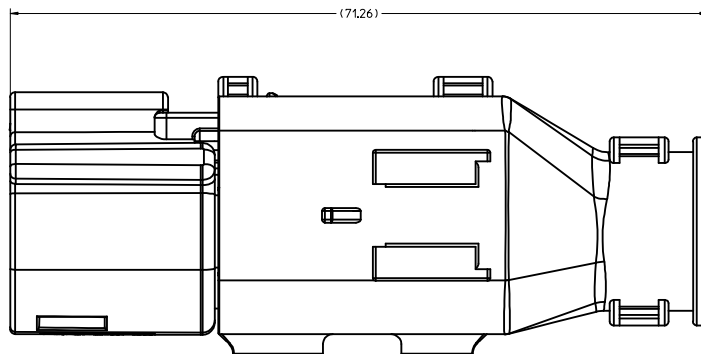
Partial X-X
SCALE 4:1

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

ENTER DESCRIPTION EC NO: UAU2013-1966 DRAWN/CUNNINGHAM 2013/06/11 CHKD: APPR:VKOSHY 2013/06/20	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
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		4 PLACES	±	---	DGRIFITHS	06-05-03	MX150 2X3 RECEPTACLE			
		3 PLACES	±	---	CHECKED BY	DATE	SEALED ASSEMBLY			
		2 PLACES	±	0.10	DGRIFITHS	06-05-03	MAT SEAL			
		1 PLACE	±	0.3	APPROVED BY	DATE	molex			
		0 PLACE	±	---	VKOSHY	2010/03/04				
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE BOM		SD-33472-061			5 OF 8	
				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

BACKSHELL CONFIGURATIONS



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION EC NO: UAU2013-1966 DRAWN/CUNNINGHAM 2013/06/11 CHKD: APPR:VKOSHY 2013/06/20 X9	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION					
			mm	INCH	DRAWN BY DGR FFI THS	DATE 06-05-03	TITLE MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL							
		4 PLACES ± ---	± ---	± ---	CHECKED BY DGR FFI THS	DATE 06-05-03	APPROVED BY VKOSHY 2010/03/04							
		3 PLACES ± ---	± ---	± ---	MATERIAL NO. SEE BOM									
		2 PLACES ± 0.10	± ---	± ---	DOCUMENT NO. SD-33472-061		SHEET NO. 6 OF 8							
		1 PLACE ± 0.3	± ---	± ---										
		0 PLACE ±	±	±	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												

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

	RING SEAL	BURNT ORANGE	INHERENTLY LUBRICATED SILICONE
	PLR	NATURAL	SPS/NYLON GF20
	GROMMET CAP	BLACK	SPS/NYLON GF20
	MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
	CPA	RED	PBT GF30
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			

[illegible]

X0	KEY A, W/ CPA, BLACK	33472-0681	A						CPA	M	2							SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0680	A							M	1	2	3					SALEABLE		34951-0610	34951-0620
	KEY A, W/ CPA, BLACK	33472-0679	A						CPA	M	1	2	3					SALEABLE		34951-0610	34951-0620
	KEY B, LIGHT GRAY	33472-0678	B							M					5	6		SALEABLE		34951-0610	34951-0620
	KEY B, LIGHT GRAY	33472-0677	B							M	1					5		SALEABLE		34951-0610	34951-0620
	KEY B, W/ CPA, LIGHT GRAY	33472-0676	B						CPA	M	1					5		SALEABLE		34951-0610	34951-0620
	KEY A, W/ CPA, BLACK	33472-0675	A						CPA	M						6		SALEABLE		34951-0610	34951-0620
	KEY A, W/ CPA, BLACK	33472-0674	A						CPA	M						5	6	SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0673	A							M							6	SALEABLE		34951-0610	34951-0620
	KEY B, LIGHT GRAY	33472-0672	B							M						5				34951-0610	34951-0620
	KEY D, W CPA, STONE GRAY	33472-0671						D	CPA	M								TOOLED BUT NOT VALIDATED		34951-0610	34951-0620
	KEY C, W/ CPA, DARK GRAY	33472-0670						C	CPA	M								SALEABLE		34951-0610	34951-0620
	KEY D, STONE GRAY	33472-0669						D		M								TOOLED BUT NOT VALIDATED		34951-0610	34951-0620
	KEY C, DARK GRAY	33472-0668						C		M								SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0667	A							M	1		3			5	6	SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0666	A							M		2				5	6	SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0665	A							M	1							SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0664	A							M					4	5	6	SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0663	A							M						5	6	SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0662	A							M		2				5		SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0661	A							M		2						SALEABLE		34951-0610	34951-0620
	KEY A, W/ CPA, BLACK	33472-0660	A						CPA	M	1	2	3	4	5	6		SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0659	A							M					3	5	6	SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0658	A							M						3		SALEABLE		34951-0610	34951-0620
	VOID KEY	33472-0657																			
	KEY D, W/ CPA, GREEN	33472-0656						D	CPA	M	1		3	4		6		NOT RECOMMENDED		34951-0610	34951-0620
	KEY C, W/ CPA, BROWN	33472-0655						C	CPA	M	1		3	4		6		NOT RECOMMENDED		34951-0610	34951-0620
	KEY B, W/ CPA, LIGHT GRAY	33472-0654	B						CPA	M	1		3	4		6				34951-0610	34951-0620
	KEY A, W/ CPA, BLACK	33472-0653	A						CPA	M	1		3	4		6		SALEABLE		34951-0610	34951-0620
	VOID KEY	33472-0652																			
	KEY D, GREEN	33472-0651						D		M	1		3	4		6		NOT RECOMMENDED		34951-0610	34951-0620
	KEY C, BROWN	33472-0650						C		M	1		3	4		6		NOT RECOMMENDED		34951-0610	34951-0620
	KEY B, LIGHT GRAY	33472-0649	B							M	1		3	4		6				34951-0610	34951-0620
	KEY A, BLACK	33472-0648	A							M	1		3	4		6		SALEABLE		34951-0610	34951-0620
	VOID KEY	33472-0647																			
	KEY D, W/ CPA, GREEN	33472-0646						D	CPA	M	1		3	4				NOT RECOMMENDED		34951-0610	34951-0620
	KEY C, W/ CPA, BROWN	33472-0645						C	CPA	M	1		3	4				NOT RECOMMENDED		34951-0610	34951-0620
	KEY B, W/ CPA, LIGHT GRAY	33472-0644	B						CPA	M	1		3	4						34951-0610	34951-0620
	KEY A, W/ CPA, BLACK	33472-0643	A						CPA	M	1		3	4				SALEABLE		34951-0610	34951-0620
	KEY A, BLACK	33472-0642	A							M				4				SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0641	A							M		2	3	4	5			SALEABLE		34951-0610	34951-0620	
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	A	B	C	D	C	D	CPA	M	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	

LEGEND TABLE	
ABBREVIATION	COMPONENT
A	HOUSING KEY A
B	HOUSING KEY B
C	HOUSING KEY C
D	HOUSING KEY D
GC	GROMMET CAP
M	MAT SEAL
R	RING SEAL
P	PLR, STANDARD
CPA	CPA
BKS	BACKSHELL

RING SEAL	BURNT ORANGE	INHERENTLY LUBRICATED SILICONE
PLR	NATURAL	SPS/NYLON GF20
GROMMET CAP	BLACK	SPS/NYLON GF20
MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
CPA	RED	PBT GF30
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

ENTER DESCRIPTION IEC NO. UAU2013-1966 DRAWN/CUNNINGHAM 2013/06/11 CHKD: APPR:VKOSHY 2013/06/20 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
						DRAWN BY	DATE	TITLE	
		4 PLACES ± ± ± ±		DGR IFF ITHS		06-05-03		MX150 2X3 RECEPTACLE	
		3 PLACES ± ± ± ±		CHECKED BY		DATE		SEALED ASSEMBLY	
		2 PLACES ± ± 0.10 ± ±		DGR IFF ITHS		06-05-03		MAT SEAL	
		1 PLACE ± ± 0.3 ± ±		APPROVED BY		DATE		molex	
		0 PLACE ± ± ± ±		VKOSHY		2010/03/04			
				ANGULAR ± ± °		MATERIAL NO.		DOCUMENT NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE BOM		SD-33472-061	
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
						SHEET NO. 8 OF 8			



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Электрон
Связь**

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