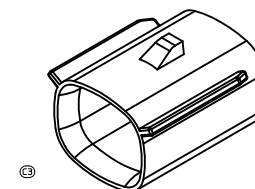


NOTICE

THIS DRAWING OR PORTIONS OF IT, ARE CONTROLLED BY THE ELECTRICAL WIRING COMPANIES APPLICATION PARTNERSHIP (EWCAP), A SUBGROUP OF THE UNITED STATES CONSORTIUM FOR AUTOMOTIVE RESEARCH (USCAR). USCAR IS A PARTNERSHIP BETWEEN CHRYSLER GROUP LLC, CHRYSLER CREDIT CORPORATION, CHRYSLER FINANCIAL CORPORATION, CHRYSLER RENT A CAR CORPORATION, AND CHRYSLER GROUP LLC. CHRYSLER CREDIT CORPORATION ANY CHANGE TO A EWCAP CONTROLLED PORTION OF THIS DRAWING, INCLUDING A "RECORD CHANGE" MUST BE APPROVED, IN WRITING, BY THE RESPONSIBLE EWCAP MEMBER FROM CHRYSLER CREDIT CORPORATION. CHRYSLER CREDIT CORPORATION IS NOT SIGNING FOR HIS OR HER COMPANY IS RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS WITHIN THAT COMPANY PRIOR TO SIGNING FOR APPROVAL OF THE CHANGE. EWCAP EXPRESSLY DISCLAIMS ANY LIABILITY FOR CHANGING EITHER AN EWCAP CONTROLLED PORTION OF THE DRAWING OR ANY ASSOCIATED TOOLING BEFORE RECEIVING AN APPROVAL SIGNATURE BY AN AUTHORIZED REPRESENTATIVE FROM EACH EWCAP PARTNER. REFERENCE TO THE SIGNED APPROVAL FORM MUST BE ENTERED IN THIS DRAWING'S CONTROL COLUMN.

NOTES: UNLESS OTHERWISE SPECIFIED (031)

1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
3. 0.25 RADI ON ALL CORNERS SHOWN SHARP.
4. UNSPECIFIED RAKE: 0.25 EXCEPT AS NOTED.
5. STANDARD COLORS FOR DIMENSIONING (SEE CHART).
DRAWING REQUIRES APPROVAL BY AUTHORIZED PERSON.
6. REFER TO "SAE/USCAR 12 CONNECTOR GUIDELINES" FOR ADDITIONAL REQUIREMENTS.
7. EXCEPT WHERE NOTED, DRAW ON OUTSIDE SURFACES IS PERMISSIBLE WITH TOLERANCE.
8.  SYMBOL INDICATES DRAFT DIRECTION.
9. FOR TERMINAL, MATERIAL, DIMENSIONAL AND COATING REQUIREMENTS AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS DRAWING SEE EWAC DWG NO. EWACAP-001
10. A FULL PROOF ON THE MATING CONNECTION IS REQUIRED TO VERIFY THAT THE CONNECTOR LEADER POLARIZATION FEATURES (OPTIONS A THRU D) WILL FUNCTION. THE FULL PROOF SHALL PREVENT THE LEADER FROM BEING REUSED. FOR ADDITIONAL REQUIREMENTS REFER TO "SAE/USCAR-12 CONNECTOR DESIGN GUIDELINES" FOR ADDITIONAL REQUIREMENTS.
11. REFER TO USCAR/EWAC PART LIST AS FOUND ON WEBSITE <http://www.uscarteams.org>
12. 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, REFER TO THE CAD MODEL.



F04	F12	CORRECTED CHRYSLER GROUP LLC NOMENCLATURE			
F04	F1	MOVED NOTE TO SECTION R-8 AND CORRECTED AND RENESTED TRUE POSITION DATUM REFERENCE	02-08-2012	KC	HV
F04	F1	REMOVED NOTE TO TRUE POSITION DATUM REFERENCE D25 D29 AND D30	02-08-11	KC	HV
F04	D31	UPDATED NOTES			
F04	D30	RELICATED SEALING SURFACE NOTE			
F04	D29	ADDED DETAIL E			
F04	D28	ADDED 0.25" MAX DRIFT ANGLE ALL AROUND			
F04	D27	ADDED [F50]			
F04	D26	ADDED AT TANGENT NOTE			
F04	D25	ADDED FROM [B-]			
F04	D24	ADDED [F50]			
F04	D23	REMOVED DATUM C			
F04	D22	ADDED EXCLUDES KEYS AND NUB NOTE			
F04	D21	ADDED DATUM REFERENCE FOR PROFILE CONTROL			
F04	D20	ADDED [H1.02] [A] [B]			
F04	D19	REMOVED DATUM TO DATUM A			
F04	D18	ADDED DATUM A REFERENCE			
F04	D17	SEALING SURFACE UPDENSIONS MOVED TO SECTION C-C			
F04	D16	ADDED SECTION C-C			
F04	D15	ADDED DETAIL D			
F04	D14	REMOVED D25 FROM SECTION A			
F04	D13	ADDED DRAFT ANGLE DIRECTION			
F04	D12	ADDED DATUM G			
F04	D11	RELICATED BASIC DIMENSION FOR DATUM D			
F04	D10	REMOVED 0.00 -0.010/-0.20 ALL AROUND			
F04	D9	MOVED PIR DIMENSIONS TO DETAIL D AND DETAIL E			
F04	D8	REMOVED MAXIMUMS CONTROL WITH PROFILE OF A SURFACE			
F04	D7	ADDED DATUM B REFERENCE			
F04	D6	ADDED R6.471			
F04	D5	ADDED 0.70 -0.45 ALL AROUND			
F04	D4	CHANGED FROM 1.79 TO 1.8			
F04	D3	ADDED BACK ANGLE NOTE			
F04	D2	UPDATED CONNECTOR COLORS			
F04	D1	ADDED G0.8T FOR POLARIZATION KEYS	05-17-11	KC	HV
C3		CHANGED 50 VOW SCALE TO 45 WAS 11			
C3		CORRECTED PACKAGING FRAME VIEW			
C3		KEY OPTIONS A THRU D DIMENSIONED TO C/L OF KEY WAS UPPOSED TO BE	01-15-09	DG	SV
B15		FROM DATUM [A] ADDED DIM. 2X 9.30 -0.51/-0.25			
B13		ADDED PARTING LINE NOTE TO DETAIL A. REMOVED NUB BLOCK ANGLE OPTIONAL FROM 3°			
B12		6.0 ± 12.135 [B] [A] [C]			
B11		KEY OPTIONS A THRU D DIMENSIONED TO EDGE WAS DIMENSIONED TO C/L OF KEY			
B10		6.0 ± 12.135 [B] [A] [C] REMOVED FROM VIEW DETAIL C			
B9		6.0 [C] [B] WAS 14.1929			
B8		2X [B] [C] [D] [E] [F] WAS 2X 9.0329 AND 2X 9.616			
B7		REMOVED 0.41 FOR TP AND BASE			
B6		DATUM [E] AT DIM 9.633 WAS AT DIM 12.83			
B5		SURFACE D LOCATED AT [F50]			
B4		DATUM [E] AT DIM 9.633 WAS AT 9.250 SECTION A-A			
B3		SEALING CHART 150-S-002-1-205 WAS TWO DSS WAS TWO PATING CONNECTOR COLORS ADDED			
B2		DWG# 150-S-002-1-205 WAS 150-S-002-1-180 REMOVED NOTE 17/08/08 WAS PERMISSIBLE 0.25" MAXIMUM. REMEMBERED NOTES	01-10-08	DG	SV
B1		A RELEASED	11-13-07	JH	HW
LET		REVISION RECORD	DATE	DWN	CHK
TOLERANCES SALES OFFICIALS SPECIFIED		THIRD ANGLE PROJECTION			
DIMENSIONS ARE IN					
x ±0.2		ANGLES ±3°			
		X ±0.150			
					
SCALE 5 - 1		DRAWN BY K. CUNNINGHAM		ORDERED BY K.VANSLAMBROUCK	
DATE		DATE		DATE 02-08-2012	
TITLE					
DIRECT CONNECTION INTERFACE					
2 WAY (1 X 2) 1.5MM SEALED MALE					
HEET	DRAWING NUMBER	DATE	BY	REVISION	DATE
1	150-S-002-1-205				

©

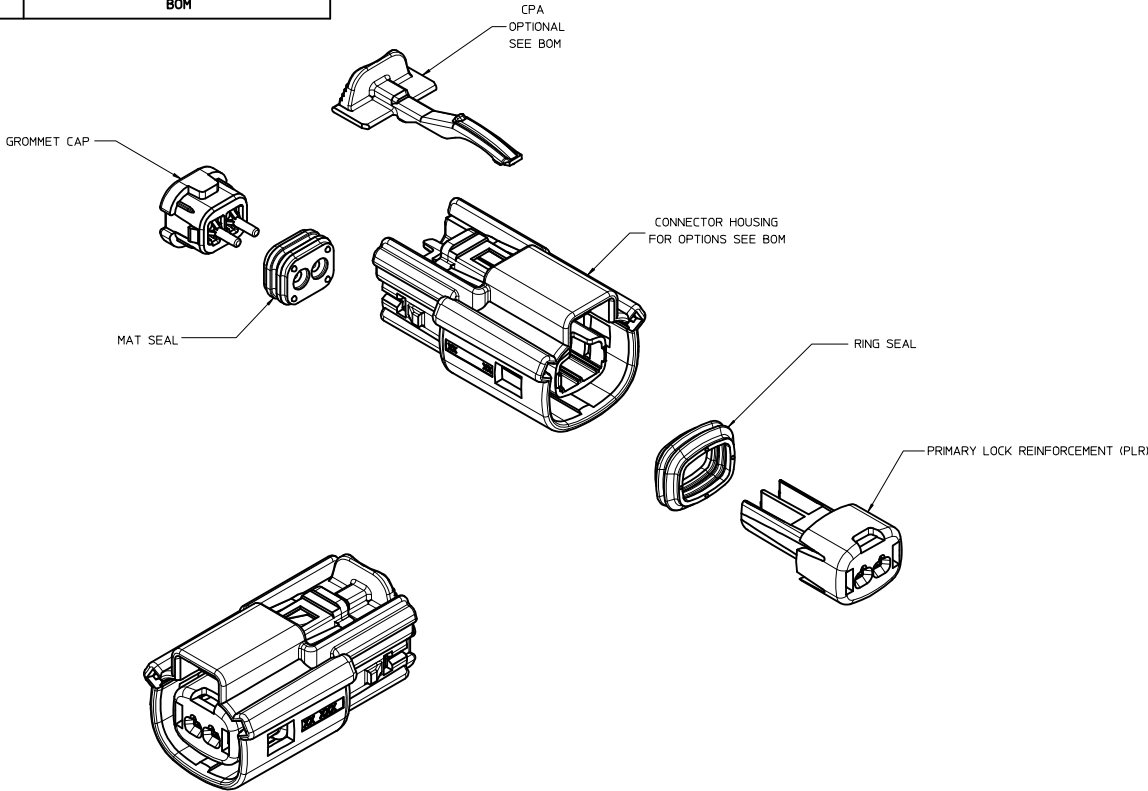


DETAIL C
SCALE 20:1
APPLIES 2X
SEE KEYING OPTIONS VIEWS
FOR POSITIONS

CONSTRUCTION BELOW THIS SURFACE IS
NOT CONTROLLED BY EWCAP. NO PLASTIC
FEATURES MAY EXTEND ABOVE THIS SURFACE

150-S-002-1-D05	D	BLACK
150-S-002-1-C05	C	DK GRAY
150-S-002-1-B05	B	LT GRAY
150-S-002-1-A05	A	BLACK
EWCAP P/N	OPTION	MATING CONNECTOR

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	BOM



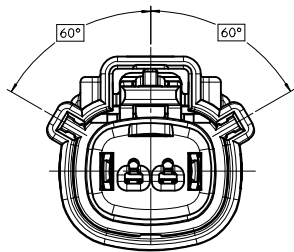
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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-002-1-Z05, AVAILABLE AT <<http://ewcap.uscarteams.org/>>.
-DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33481-021
-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 12 mm TO 2.69 mm.
-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.
b. PRODUCT SPECIFICATION SEE: PS-33471-000
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

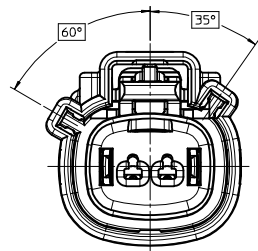
INSPECTION NUMBER LOG
LAST NUMBER USED: 5
ADDED:
REMOVED:

C11	ADD NEW P/N 33471-0224
C10	ADD NEW P/N 33471-0223
C9	UPDATED VIEWSET & NOTES
C8	RENAMED BACKSHELLS
C7	UPDATED CONFIGURATIONS SHEET 3
C6	UPDATED PACKAGING SPECIFICATION
C5	UPDATED GROMMET CAP CALLOUT
C4	REDRAWN, ADDED BACKSHELL
REV	DESCRIPTION

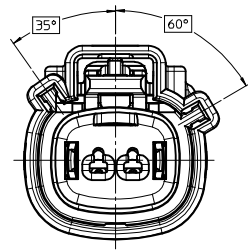
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				DRAWN BY	DATE	TITLE		
		4 PLACES ±.005 ±.005		SVERZYL	06/17/08	MX150 1X2 RECEPTACLE		
		3 PLACES ±.005 ±.005		CHECKED BY	DATE	SEALED ASSEMBLY		
		2 PLACES ±0.10 ±.005		DGRIFITHS	06/18/08	MAT SEAL		
		1 PLACE ±0.2 ±.005		APPROVED BY	DATE	molex		
		0 PLACE ±.005 ±.005		VKOSHY	2010/11/04			
		ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE BOM		SD-33471-021		1 OF 7
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



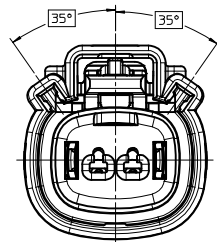
KEY A



KEY B



KEY C

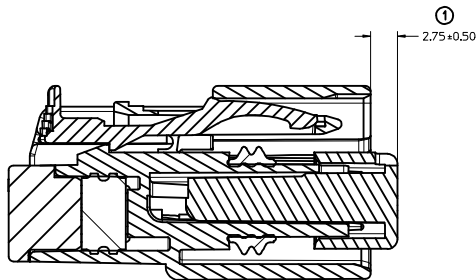
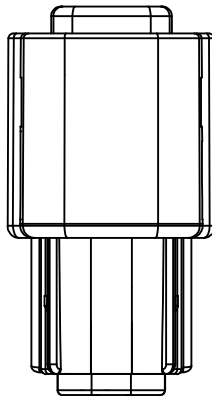
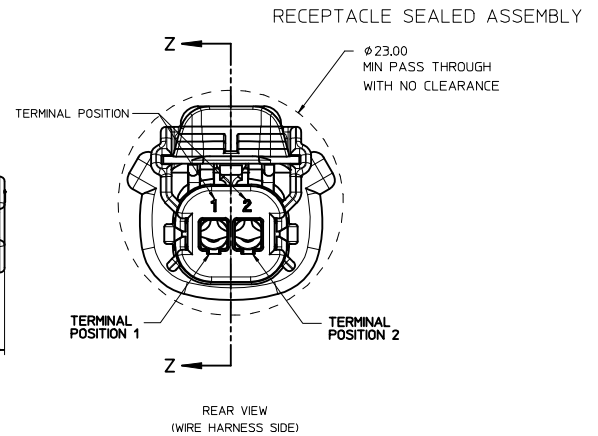
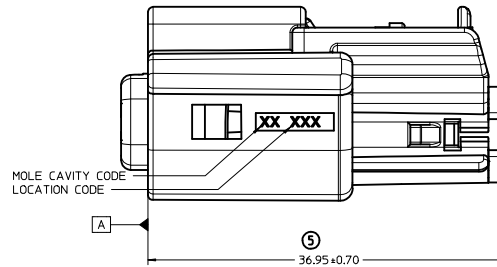
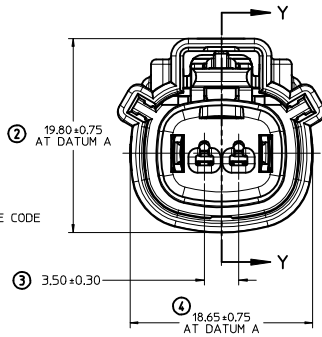
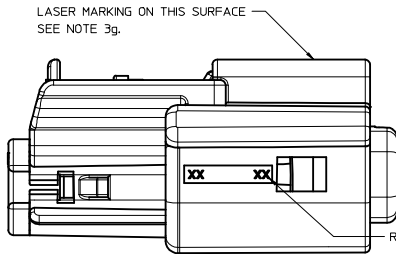


KEY D

KEY CONFIGURATIONS

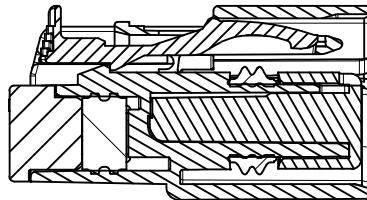
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				mm	INCH	DRAWN BY SVERZYL	DATE 06/17/08	TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
			4 PLACES	± ---	± ---	CHECKED BY DGRIFITHS	DATE 06/18/08	APPROVED BY VKOSHY 2010/11/04		
			3 PLACES	± ---	± ---	MATERIAL NO. SEE BOM				DOCUMENT NO. SD-33471-021
			2 PLACES	± ---	± ---	SIZE D				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
			1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
ANGULAR ± 3 °		SHEET NO. 2 OF 7								

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 PRE-STAGED POSITION

SECTION Z-Z



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

SECTION Y-Y

ENTER DESCRIPTION IEC NO: UAU2014-1876 DRAWN BY: 2014/06/06 CHKD: 2014/06/19 APPR: WKSHY REV: C11	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	DATE	TITLE		
		4 PLACES ±		±		SVERZYL	06/17/08	MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex		
		3 PLACES ±		±		CHECKED BY				DATE
		2 PLACES ±		±0.10		DGRIFTHS				06/18/08
		1 PLACE ±		±0.2		APPROVED BY				DATE
0 PLACE ±		±		VKOSHY		2010/11/04				
ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE BOM		SD-33471-021			3 OF 7	
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 NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION SEE: AS-34951-001

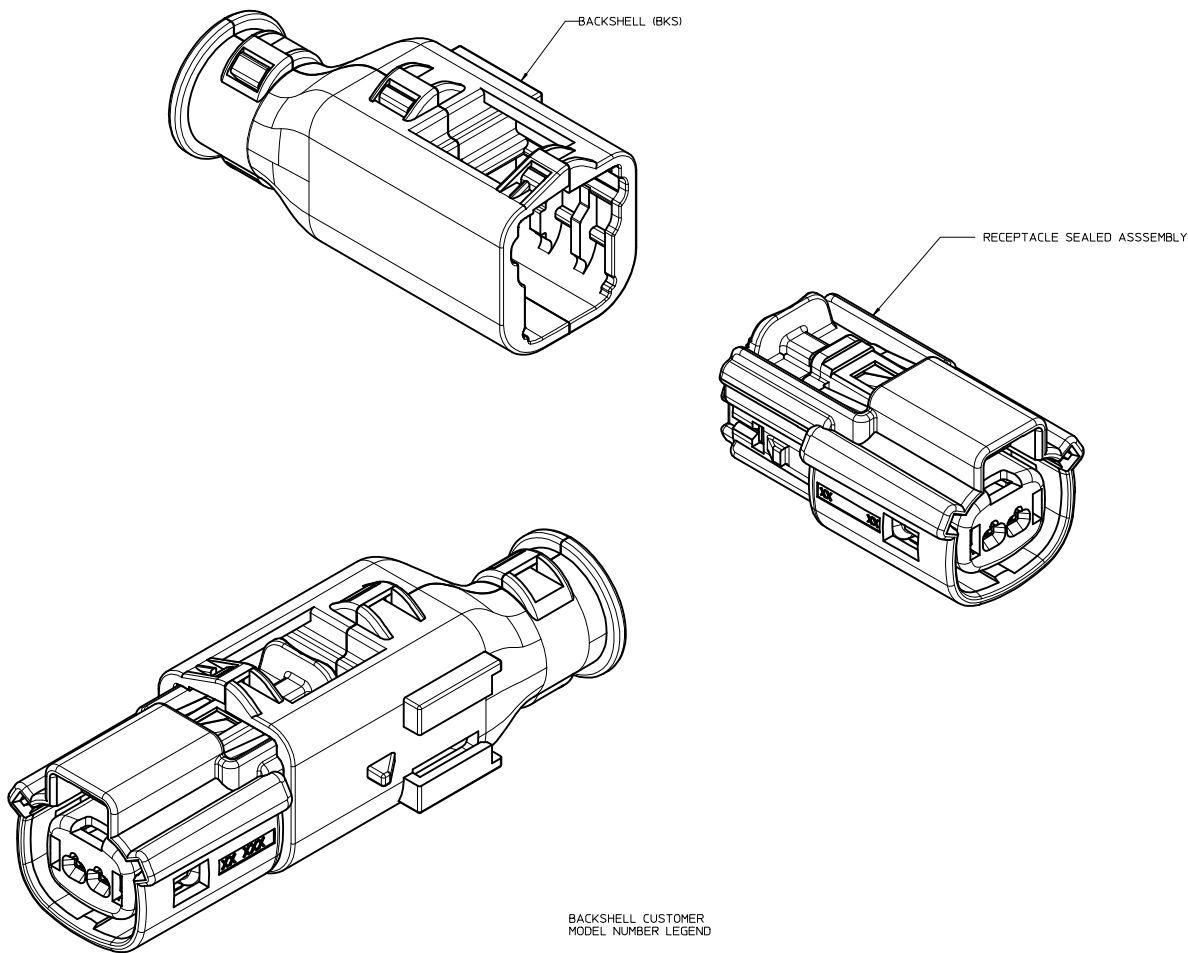
-DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33471-021.

-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-34949-0001.



BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34949-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

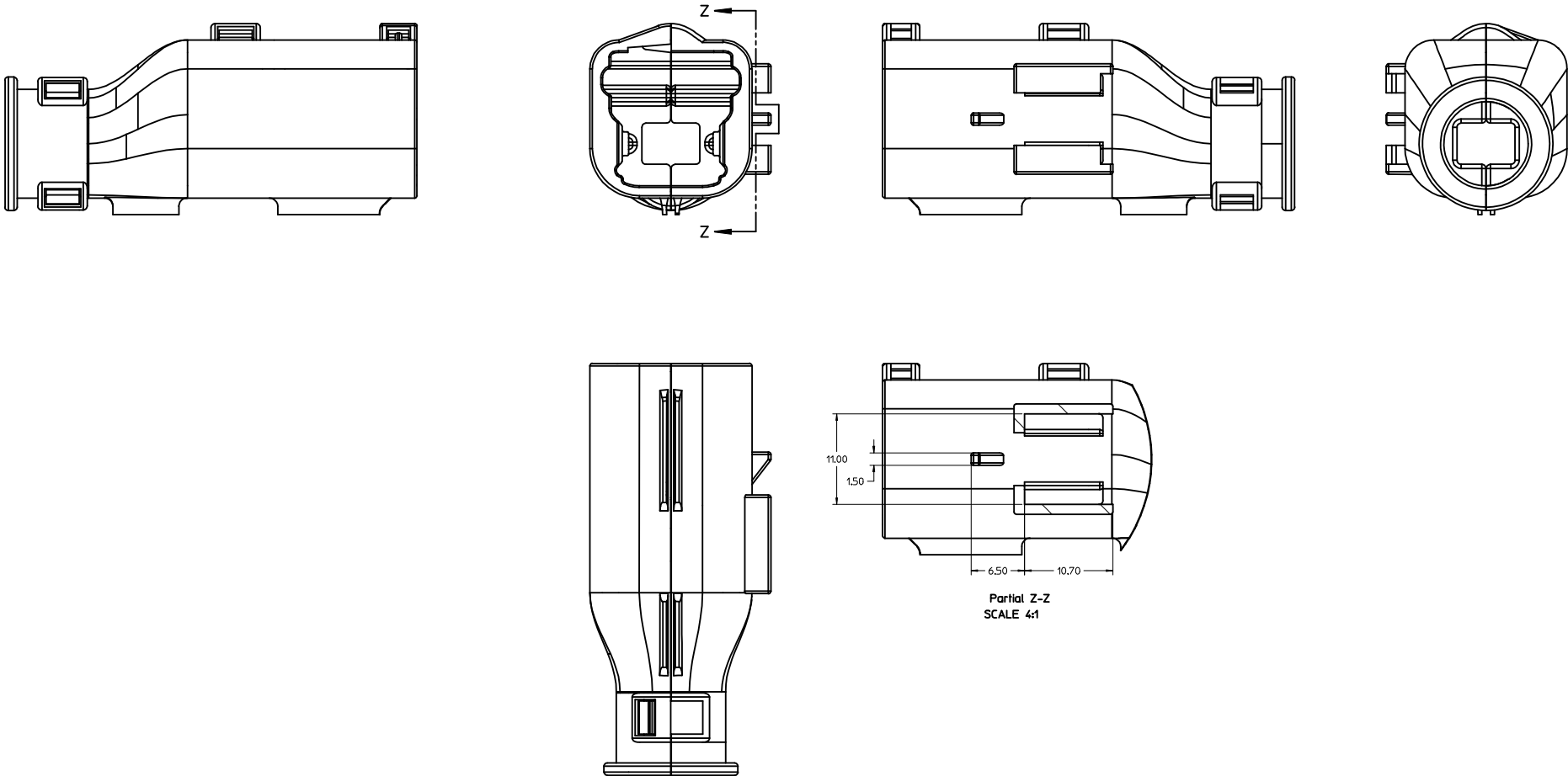
- 1 - WITH RIBS
- 2 - WITHOUT RIBS

MX150 CIRCUIT SIZE 02, 03, 04, 05, 06

ENTER DESCRIPTION IEC NO: UAU2014-1876 DRAWN BY: C11		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
C11		▽=0		4 PLACES ±---		DRAWN BY SYERZYL		DATE 06/17/08		TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex		SHEET NO. 4 OF 7	
		▽=0		3 PLACES ±---		CHECKED BY DGRIFITHS		DATE 06/18/08					
		▽=0		2 PLACES ±0.10		APPROVED BY VKOSHY		DATE 2010/11/04					
				1 PLACE ±0.2									
				0 PLACE ±---									
				ANGULAR ± 3°		MATERIAL NO.		DOCUMENT NO.					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE BOM		SD-33471-021					
						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

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

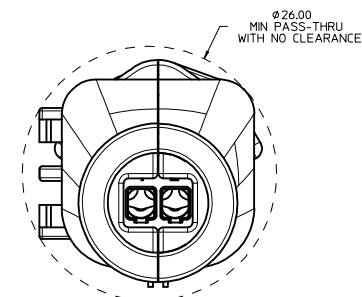
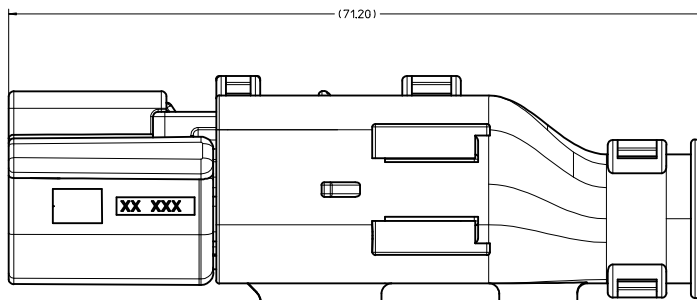


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			MM ONLY		4:1	METRIC	
					TITLE	MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL	
					molex		
					DOCUMENT NO. SD-33471-021		
					SHEET NO. 5 OF 7		

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 CONFIGURATIONS



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION EC NO: UAU2014-1876 DRAWN BY: 2014/06/06 CHKD: APPR: VKOSHY C11	DESCRIPTION 2014/06/19 REV	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 SVERZYL	DATE 06/17/08	TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL					
			4 PLACES ±		±	---	CHECKED BY DGRIFITHS	DATE 06/18/08	APPROVED BY DATE VKOSHY 2010/11/04					
			3 PLACES ±		±	---	MATERIAL NO. SEE BOM							
			2 PLACES ±		0.10	±						---	DOCUMENT NO. SD-33471-021	
			1 PLACE ±		0.2	±						---		SHEET NO. 6 OF 7
			0 PLACE ±		---	±						---		
					ANGULAR ± 3 °									
					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

(C11)	KEY A W/CPA, BLACK	33471-0224	A					GCP	CPA		2	SALEABLE	34949-0210	34949-0220		
	KEY A W/CPA, YELLOW	33471-0223				A	GCO		CPA			SALEABLE	34949-0210	34949-0220		
	KEY A, BLACK	33471-0222	A								2	SALEABLE	34949-0210	34949-0220		
	KEY A, BLACK	33471-0221	A					GCP		1	2	SALEABLE	34949-0210	34949-0220		
	KEY D W/CPA, STONE GRAY	33471-0217			D			GCP	CPA	1		SALEABLE	34949-0210	34949-0220		
	KEY C W/CPA, DARK GRAY	33471-0216			C			GCP	CPA	1		SALEABLE	34949-0210	34949-0220		
	KEY B W/CPA, LIGHT GRAY	33471-0215	B					GCP	CPA	1		SALEABLE	34949-0210	34949-0220		
	KEY A W/CPA, BLACK	33471-0214	A					GCP	CPA	1		SALEABLE	34949-0210	34949-0220		
	KEY D, STONE GRAY	33471-0213			D			GCP		1		SALEABLE	34949-0210	34949-0220		
	KEY C, DARK GRAY	33471-0212			C			GCP		1		SALEABLE	34949-0210	34949-0220		
	KEY B, LIGHT GRAY	33471-0211	B					GCP		1		SALEABLE	34949-0210	34949-0220		
	KEY A, BLACK	33471-0210	A					GCP		1		SALEABLE	34949-0210	34949-0220		
	KEY D W/CPA, STONE GRAY	33471-0209			D		GCO		CPA			SALEABLE	34949-0210	34949-0220		
	KEY C W/CPA, DARK GRAY	33471-0208			C		GCO		CPA			SALEABLE	34949-0210	34949-0220		
	KEY B W/CPA, LIGHT GRAY	33471-0207	B				GCO		CPA			SALEABLE	34949-0210	34949-0220		
	KEY A W/CPA, BLACK	33471-0206	A				GCO		CPA			SALEABLE	34949-0210	34949-0220		
	KEY D, STONE GRAY	33471-0204			D		GCO					SALEABLE	34949-0210	34949-0220		
	KEY C, DARK GRAY	33471-0203			C		GCO					SALEABLE	34949-0210	34949-0220		
	KEY B, LIGHT GRAY	33471-0202	B				GCO					SALEABLE	34949-0210	34949-0220		
	KEY A, BLACK	33471-0201					GCO					SALEABLE	34949-0210	34949-0220		
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	A	B	C	D	A	GCO	GCP	CPA	1	2	STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS	
										BLOCKED TERMINAL						
										CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION				OPTIONAL ATTACHMENTS		
										CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION				SOLD SEPARATELY		

	MAT SEAL	ROYAL BLUE	INHERENTLY LUBRICATED SILICONE
	RING SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
	PLR	NATURAL	SPS/NYLON GF20
	CPA	RED	PBT 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 B	LIGHT GRAY	SPS/NYLON GF20
	HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20
	DESCRIPTION	COLOR	MATERIAL
BOM/APPLICABLE COMPONENTS TABLE			

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, CLOSED
M	MAT SEAL
R	RING SEAL
P	PLR, STANDARD
CPA	CPA
BKS	BACKSHELL

ENTER DESCRIPTION EC NO: JAU2016-1676 DRAWN: CHW CHECKED: APPR: WKSHY C11	2014/06/06 2014/06/19	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) ±mm ±INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.10 ±--- 1 PLACE ±0.2 ±--- 0 PLACE ±--- ±---	DIMENSION STYLE MM ONLY DRAWN BY DATE SVRZYL 06/17/08 CHECKED BY DATE DGR1FF1THS 06/18/08 APPROVED BY DATE WKSHY 20/10/11/04	SCALE TITLE MX150 X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	DESIGN UNITS METRIC THIRD ANGLE PROJECTION
	DESCRIPTION REVISION	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33471-021	SHEET NO. 7 OF 7	
	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				