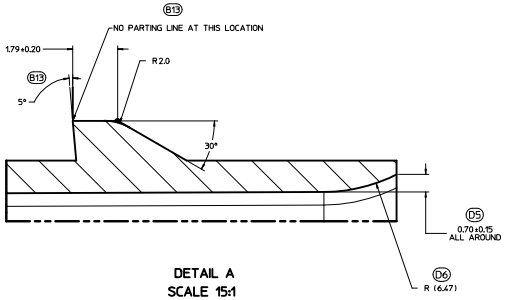
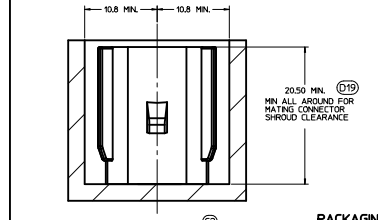


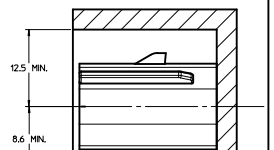
KEYING OPTION A
SCALE 5:1

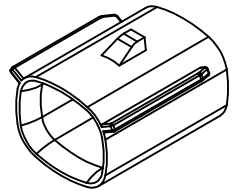


DETAIL A
SCALE 15:1

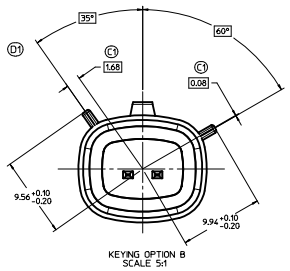


PACKAGING FRAME

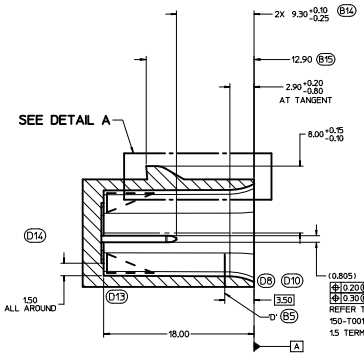




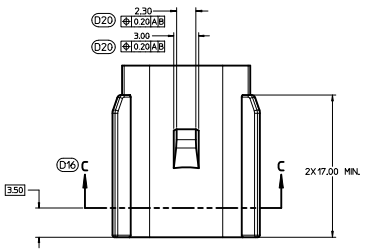
IF HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD.

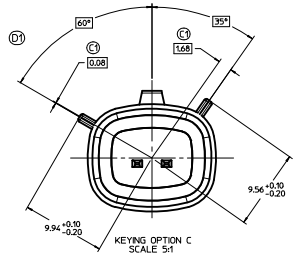


KEYING OPTION B
SCALE 5:1

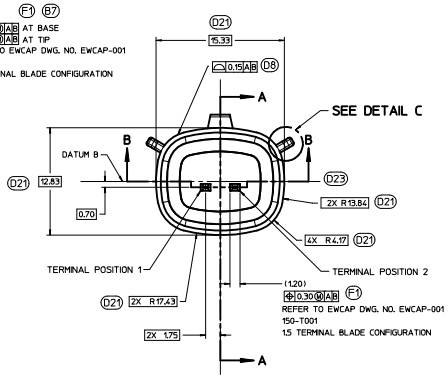


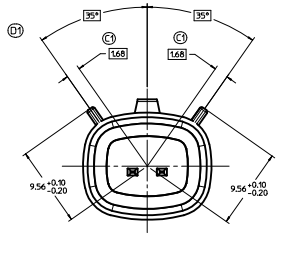
SECTION A-A



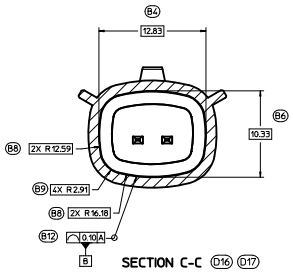


KEYING OPTION C
SCALE 5:1

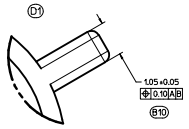




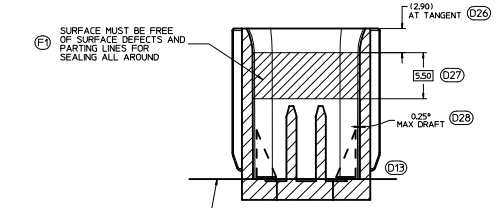
KEYING OPTION D
SCALE 5:1



SECTION C-C D16 D17



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



SECTION B-B

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 (USCAR). USCAR IS A PARTNERSHIP BETWEEN CHRYSLER GROUP LLC, FORD MOTOR COMPANY, AND GENERAL MOTORS 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 EACH USCAR COMPANY. EACH EWCAP MEMBER AUTHORIZED TO SIGN 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 PROHIBITS ANY PARTY FROM CHANGING EITHER ANY EWCAP CONTROLLED PORTION OF THIS DRAWING OR ANY ASSOCIATED TOOLING BEFORE RECEIVING AN APPROVAL SIGNED BY AN AUTHORIZED REPRESENTATIVE FROM EACH EWCAP PARTNER. REFERENCE TO THE SIGNED APPROVAL FORM MUST BE ENTERD IN THIS DRAWING'S CONTROL COLUMN. F2

NOTES: UNLESS OTHERWISE SPECIFIED D31

B1
1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
3. 0.25 RADII ON ALL CORNERS SHOWN SHARP.
4. UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
5. STANDARD COLORS FOR POLARIZATION (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
6. REFER TO "SAE/USCAR-12 CONNECTOR GUIDELINES" FOR ADDITIONAL REQUIREMENTS.
7. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN 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 EWCAP DWG. NO. EWCAP-001
10. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU D) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO "SAE/USCAR-12 CONNECTOR DESIGN GUIDE LINES" FOR ADDITIONAL INFORMATION.
11. REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE https://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, ANALYZE THE CAD MODEL.

094	F2	CORRECTED CHRYSLER GROUP LLC NOMENCLATURE			
094	F1	MOVED NOTE TO SECTION B-B AND CORRECTED AND REINSTATED TRUE POSITION DATUM REFERENCE	02-08-2012	KC	MV
091	E	REMOVED D3 D4 D7 D9 D11 D12 D15 D18 D22 D24 D25 D29 AND D30	08-18-11	KC	MV
090	D31	UPDATED NOTES			
090	D30	RELOCATED SEALING SURFACE NOTE			
090	D29	ADDED DETAIL E			
090	D28	ADDED 0.25° MAX DRAFT ANGLE ALL AROUND			
090	D27	ADDED 5.50			
090	D26	ADDED AT TANGENT NOTE			
090	D25	ADDED FROM -B-			
090	D24	ADDED 3.50			
090	D23	REMOVED DATUM C			
090	D22	ADDED EXCLUDES KEYS AND NUB NOTE			
090	D21	ADDED BASIC DIMENSIONS FOR PROFILE CONTROL			
090	D20	ADDED ⌖ 0.20 A B			
090	D19	DIMENSIONED TO DATUM A			
090	D18	ADDED DATUM A REFERENCE			
090	D17	SEALING SURFACE DIMENSIONS MOVED TO SECTION C-C			
090	D16	ADDED SECTION C-C			
090	D15	ADDED DETAIL D			
090	D14	REMOVED 10.20 FROM SECTION A			
090	D13	ADDED DRAFT ANGLE DIRECTION			
090	D12	ADDED DATUM G			
090	D11	RELOCATED BASIC DIMENSION FOR DATUM D			
090	D10	REMOVED 0.80 +0.10/-0.20 ALL AROUND			
090	D9	MOVED PIN DIMENSIONS TO DETAIL D AND DETAIL E			
090	D8	REPLACED WALL THICKNESS CONTROL WITH PROFILE OF A SURFACE			
090	D7	ADDED DATUM B REFERENCE			
090	D6	ADDED R(6.47)			
090	D5	ADDED 0.70 +0.15 ALL AROUND			
090	D4	CHANGED FROM 1.79 TO 1.8			
090	D3	ADDED BACK ANGLE NOTE			
090	D2	UPDATED CONNECTOR COLORS			
090	D1	ADDED GD&T FOR POLARIZATION KEYS	05-17-11	KC	MV
	C3	CHANGED ISO VIEW SCALE TO 4:1, WAS 1:1			
	C2	CORRECTED PACKAGING FRAME VIEW, WAS UPSIDE DOWN.			
	C1	KEY OPTIONS A THRU D DIMENSIONED TO C/L OF KEY, WAS DIMENSIONED TO EDGE	01-15-09	DG	SV
	B15	FROM DATUM A ADDED DIM. 12.90			
	B14	FROM DATUM A ADDED DIM. 2X 9.30 +0.10/-0.25			
	B13	ADDED PARTING LINE NOTE TO DETAIL A, REMOVED NOTE BACK ANGLE OPTIONAL FROM 5°			
	B12	GD & T ⌒ 0.10 A ADDED			
	B11	KEY OPTIONS A THRU D DIMENSIONED TO EDGE WAS DIMENSIONED TO C/L OF KEY			
	B10	GD & T ⌖ 0.10 A B REMOVED FROM VIEW DETAIL C			
	B9	4X R2.91 WAS 4X R2.92			
	B8	2X R12.59 AND 2X R16.18 WAS 2X R12.59 AND 2X R16.18			
	B7	REVISED GD &T FOR TIP AND BASE			
	B6	DATUM C AT DIM 10.33 WAS AT DIM. 12.83			
	B5	SURFACE 'D' LOCATED AT 3.50			
	B4	DATUM B AT DIM 12.83 WAS AT 10.20 SECTION A-A			
	B3	EWCAP CHART 150-S-002-1-A05 THRU D05 WAS TBD MATING CONNECTOR COLORS ADDED			
	B2	DWG.# 150-S-002-1-Z05 WAS 150-S-002-1-TBD			
	B1	REMOVED NOTE "DRAFT ANGLE PERMISSIBLE 0.25° MAXIMUM." RENUMBERED NOTES	01-10-08	DG	SV
	A	RELEASED	11-13-07	JH	MV
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK

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 COLOR

B3 D2

TOLERANCES (UNLESS OTHERWISE SPECIFIED)
DIMENSIONS ARE IN
ANGLES ±3°
x ±0.2 xx ±0.10
THIRD ANGLE PROJECTION

EWCAP

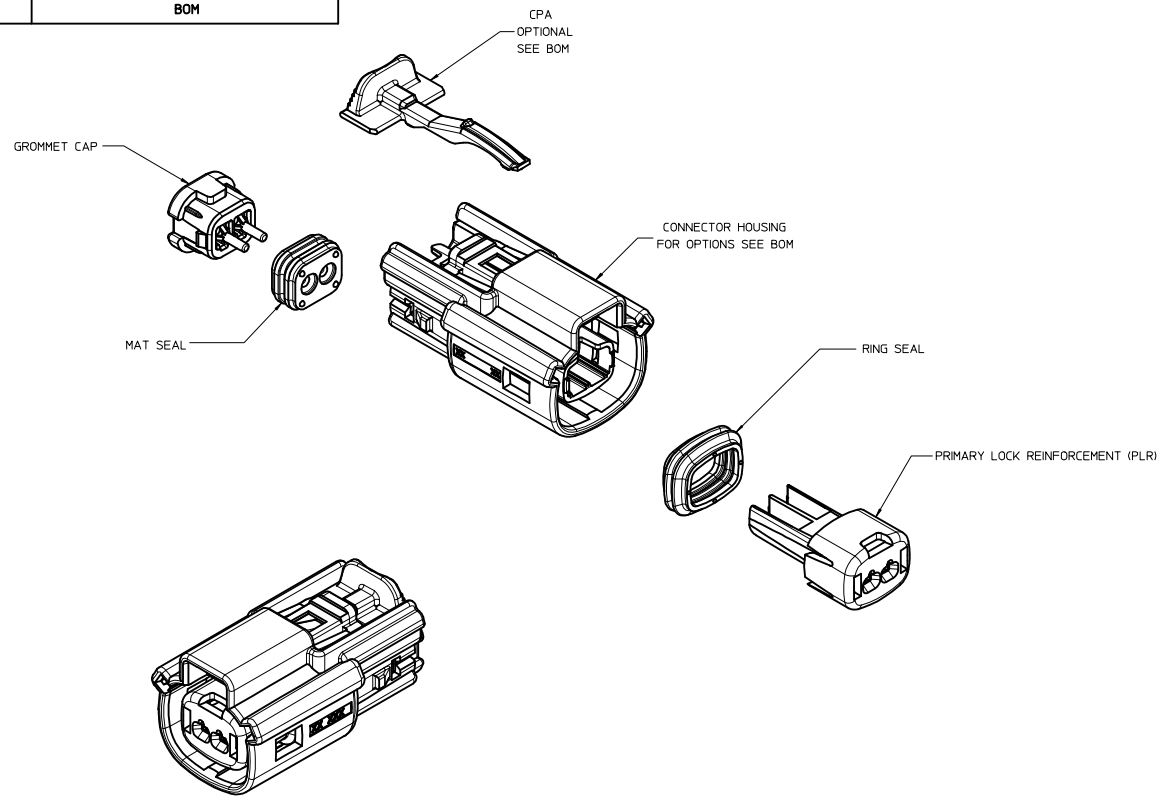
SCALE 5 - 1 | DRAWN BY K. CUNNINGHAM | CHECKED BY M.VANSLAMBROUCK | DATE 02-08-2012

TITLE
DIRECT CONNECT INTERFACE
2 WAY (1 X 2) 1.5MM SEALED MALE

B2 SHEET 1 OF 1 | DRAWING NUMBER 150-S-002-1-Z05 | SIZE E | DO NOT SCALE DRAWING COMPUTER GENERATED DATABASE | REVISION LEVEL F

molex

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, AVAILIBLE AT <http://ewcap.uscarteams.org/>.
-DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33481-021
-FOR 1.5mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33012-002.
-SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2 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:

REV	DESCRIPTION
C8	RENAMED BACKSHELLS
C7	UPDATED CONFIGURATIONS SHEET 3
C6	UPDATED PACKAGING SPECIFICATION
C5	UPDATED GROMMET CAP CALLOUT
C4	REDRAWN, ADDED BACKSHELL

ENTER DESCRIPTION
EC NO: UAU2013-1404 2013/03/05
DRWN:DAHALL 2013/03/07
CHKD:
APPR:DC_LISLE
DESCRIPTION
C8
REV

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	± ---	± ---

ANGULAR ± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

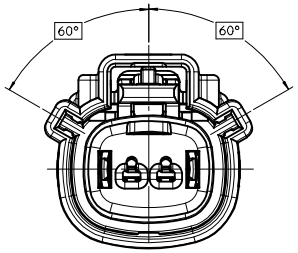
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SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	SVERZYL	DATE 06/17/08
CHECKED BY	DGRIFFITHS	DATE 06/18/08
APPROVED BY	VKOSHY	DATE 2010/11/04
MATERIAL NO.	SEE BOM	

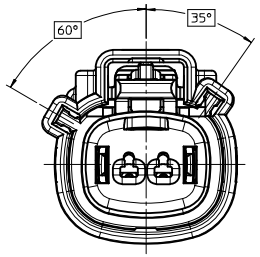
TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL
molex
DOCUMENT NO. SD-33471-021
SHEET NO. 1 OF 7
SIZE D

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

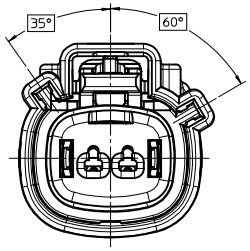
KEY CONFIGURATIONS



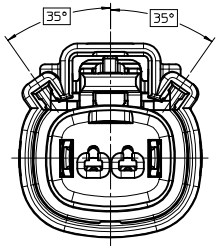
KEY A



KEY B



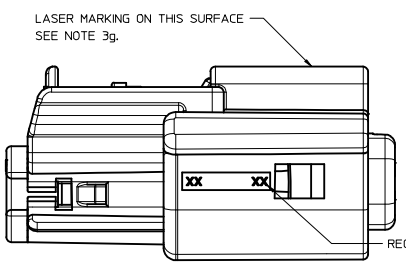
KEY C

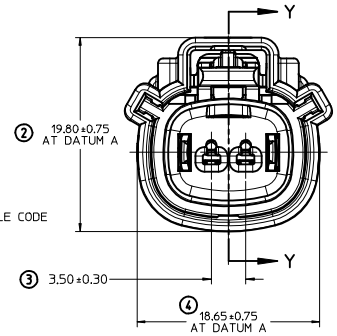


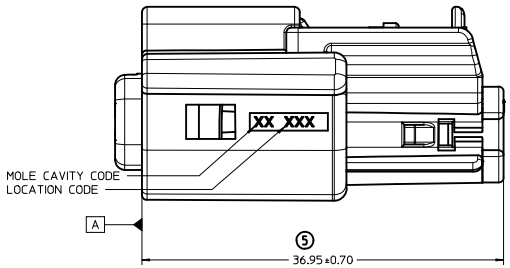
KEY D

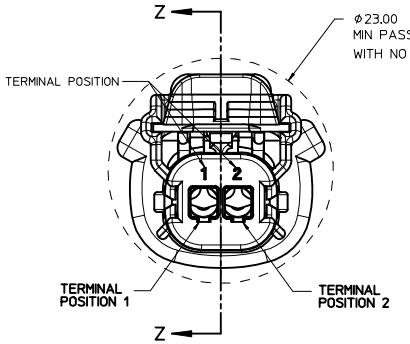
ENTER DESCRIPTION EC NO: UAU2013-1404 DRWN:DAHALL 2013/03/05 CHKD: APPR:DC_LISLE 2013/03/07 DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ± --- / ± --- 3 PLACES ± --- / ± --- 2 PLACES ± 0.10 / ± --- 1 PLACE ± 0.2 / ± --- 0 PLACE ± --- / ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY SVERZYL 06/17/08 CHECKED BY DGRIFFITHS 06/18/08 APPROVED BY VKOSHY 2010/11/04 MATERIAL NO. SEE BOM	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex DOCUMENT NO. SD-33471-021 SHEET NO. 2 OF 7
REV C8				SIZE D			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

RECEPTACLE SEALED ASSEMBLY

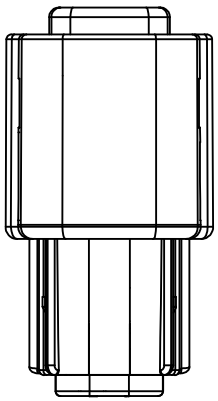


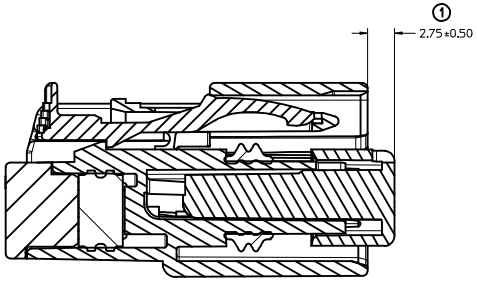






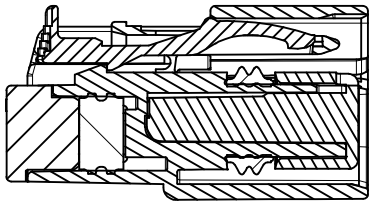
REAR VIEW
(WIRE HARNESS SIDE)





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
EC NO: UAU2013-1404 2013/03/05
DRWN:DAHALL 2013/03/07
CHKD:
APPR:DC_LISLE
DESCRIPTION
C8
REV

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	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: SVERZYL DATE: 06/17/08
CHECKED BY: DGRIFFITHS DATE: 06/18/08
APPROVED BY: VKOSHY DATE: 2010/11/04
MATERIAL NO.: SEE BOM

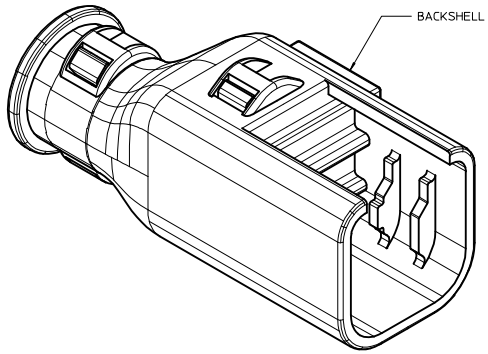
TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL

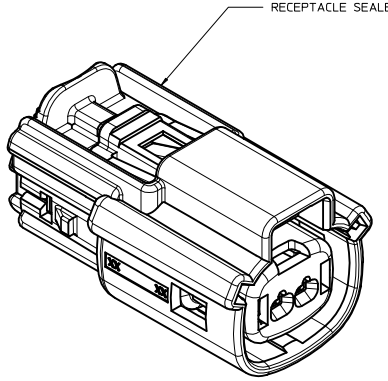
molex

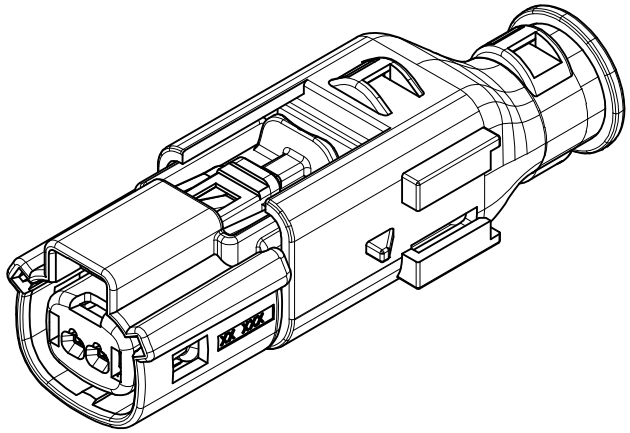
DOCUMENT NO.: SD-33471-021
SHEET NO.: 3 OF 7
SIZE: D

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BACKSHELL NOTES







BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-****TBD****
   -DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY
    AS SPECIFIED IN DRAWING SD-33471-021
   -SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF TBD mm TO TBD mm.
   -COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPARATELY
   -BACKSHELL DESIGN IS OWNED BY SCHLEMMER
b. PRODUCT SPECIFICATION SEE: PS-****TBD****
c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-****TBD****
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. PA66 0% GLASS FILLED
b. BLACK

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 - 2009
c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
e. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B) CAD MODEL.

ENTER DESCRIPTION
EC NO: UAU2013-1404 2013/03/05
DRWN:DAHALL
CHKD:
APPR:DC_LISLE 2013/03/07
DESCRIPTION
C8
REV

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	± ---	± ---

ANGULAR ± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

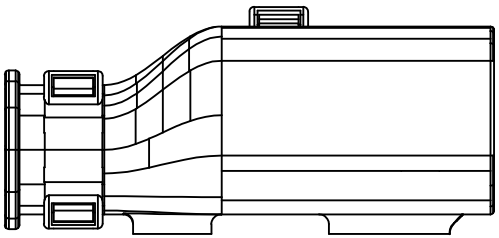
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SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

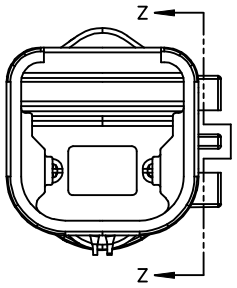
DRAWN BY: SVERZYL DATE: 06/17/08
CHECKED BY: DGRIFFITHS DATE: 06/18/08
APPROVED BY: VKOSHY DATE: 2010/11/04
MATERIAL NO.: SEE BOM

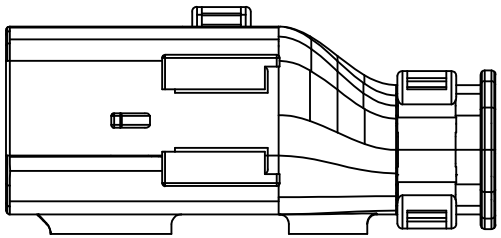
TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL
molex
DOCUMENT NO.: SD-33471-021
SHEET NO.: 4 OF 7
SIZE: D

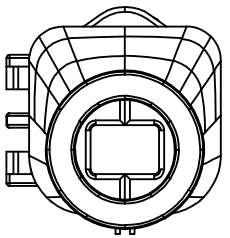
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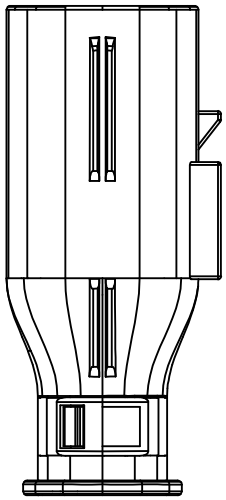
BACKSHELL

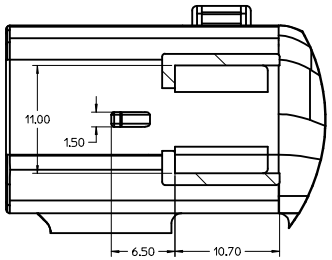








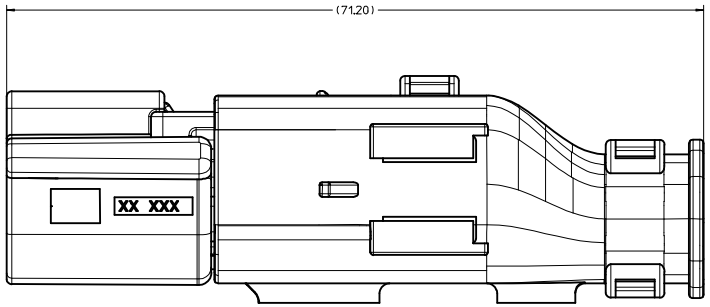


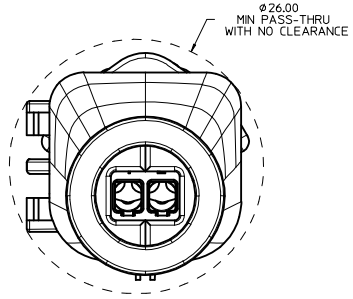


Partial Z-Z
SCALE 4:1

ENTER DESCRIPTION EC NO: UAU2013-1404 DRWN:DAHALL 2013/03/05 CHKD: APPR:DC_LISLE 2013/03/07 DESCRIPTION C8 REV	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 ± --- / ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY SVERZYL DATE 06/17/08 CHECKED BY DGRIFFITHS DATE 06/18/08 APPROVED BY VKOSHY DATE 2010/11/04 MATERIAL NO. SEE BOM	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex DOCUMENT NO. SD-33471-021 SHEET NO. 5 OF 7 SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

BACKSHELL CONFIGURATIONS





RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION EC NO: UAU2013-1404 2013/03/05 DRWN:DAHALL CHKD: APPR:DC_LISLE 2013/03/07 DESCRIPTION C8 REV	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 ± --- / ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE: MM ONLY DRAWN BY: SVERZYL DATE: 06/17/08 CHECKED BY: DGRIFFITHS DATE: 06/18/08 APPROVED BY: VKOSHY DATE: 2010/11/04 MATERIAL NO.: SEE BOM SIZE: D	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex DOCUMENT NO.: SD-33471-021 SHEET NO.: 6 OF 7	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	GCO	GCP	CPA	1 BLOCKED TERMINAL	2	STATUS	COMMENTS	34949-0210 BKS WITH RIBS	34949-0220 BKS WITHOUT RIBS
		CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION											OPTIONAL ATTATCHMENTS SOLD SEPERATLEY	
KEY A, BLACK	33471-0222	A					GCP			2	SALEABLE		OK TO TOOL	OK TO TOOL
KEY A, BLACK	33471-0221	A					GCP		1	2	SALEABLE		OK TO TOOL	OK TO TOOL
KEY D W/CPA, STONE GRAY	33471-0217				D		GCP	CPA	1		SALEABLE		OK TO TOOL	OK TO TOOL
KEY C W/CPA, DARK GRAY	33471-0216			C			GCP	CPA	1		SALEABLE		OK TO TOOL	OK TO TOOL
KEY B W/CPA, LIGHT GRAY	33471-0215		B				GCP	CPA	1		SALEABLE		OK TO TOOL	OK TO TOOL
KEY A W/CPA, BLACK	33471-0214	A					GCP	CPA	1		SALEABLE		OK TO TOOL	OK TO TOOL
KEY D, STONE GRAY	33471-0213				D		GCP		1		SALEABLE		OK TO TOOL	OK TO TOOL
KEY C, DARK GRAY	33471-0212			C			GCP		1		SALEABLE		OK TO TOOL	OK TO TOOL
KEY B, LIGHT GRAY	33471-0211		B				GCP		1		SALEABLE		OK TO TOOL	OK TO TOOL
KEY A, BLACK	33471-0210	A					GCP		1		SALEABLE		OK TO TOOL	OK TO TOOL
KEY D W/CPA, STONE GRAY	33471-0209				D	GCO		CPA			SALEABLE		OK TO TOOL	OK TO TOOL
KEY C W/CPA, DARK GRAY	33471-0208			C		GCO		CPA			SALEABLE		OK TO TOOL	OK TO TOOL
KEY B W/CPA, LIGHT GRAY	33471-0207		B			GCO		CPA			SALEABLE		OK TO TOOL	OK TO TOOL
KEY A W/CPA, BLACK	33471-0206	A				GCO		CPA			SALEABLE		OK TO TOOL	OK TO TOOL
KEY D, STONE GRAY	33471-0204				D	GCO					SALEABLE		OK TO TOOL	OK TO TOOL
KEY C, DARK GRAY	33471-0203			C		GCO					SALEABLE		OK TO TOOL	OK TO TOOL
KEY B, LIGHT GRAY	33471-0202		B			GCO					SALEABLE		OK TO TOOL	OK TO TOOL
KEY A, BLACK	33471-0201	A				GCO					SALEABLE		OK TO TOOL	OK TO TOOL

BOM/APPLICABLE COMPONENTS TABLE

DESCRIPTION	COLOR	MATERIAL
HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20
HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
GROMMET CAP (OPEN)	BLACK	SPS/NYLON GF20
GROMMET CAP (PLUGGED)	BLACK	SPS/NYLON GF20
CPA	RED	PBT GF20
PLR	NATURAL	SPS/NYLON GF20
RING SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
MAT SEAL	ROYAL BLUE	INHERENTLY LUBRICATED SILICONE

LEGEND TABLE

ABREVIATION	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: UAU2013-1404 2013/03/05
DRWN:DAHALL 2013/03/07
CHKD:
APPR:DC_LISLE
DESCRIPTION
REV
C8

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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0 PLACE	± ---	± ---

ANGULAR ± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: SVERZYL DATE: 06/17/08
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MATERIAL NO.: SEE BOM

TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL

molex

DOCUMENT NO.: SD-33471-021
SHEET NO.: 7 OF 7
SIZE: D

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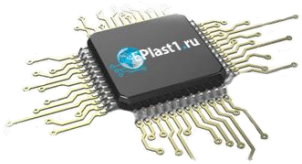
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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