



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



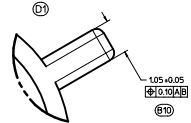
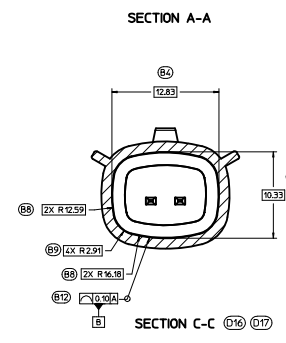
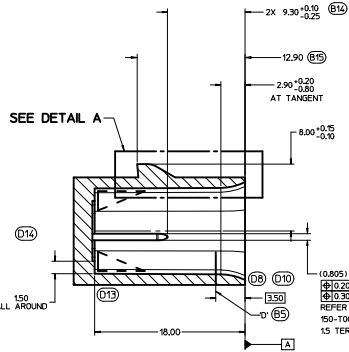
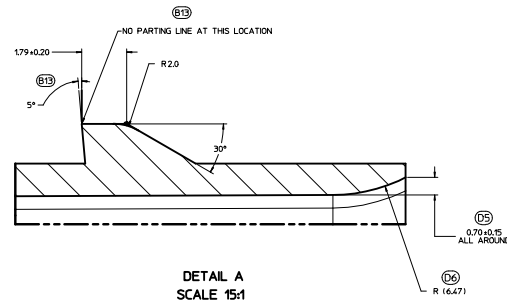
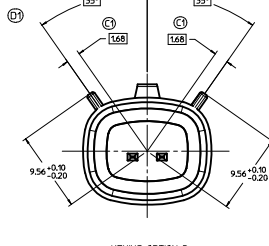
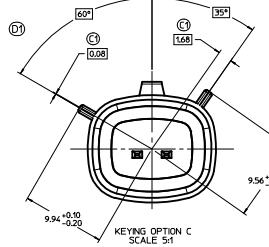
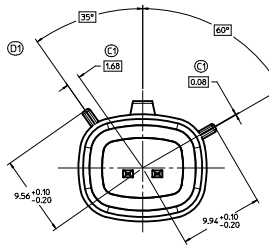
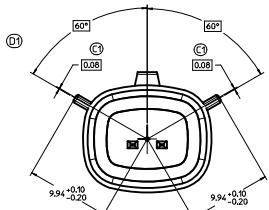
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

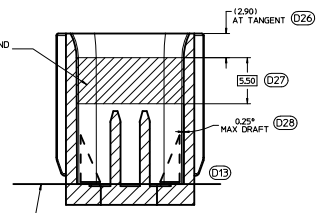
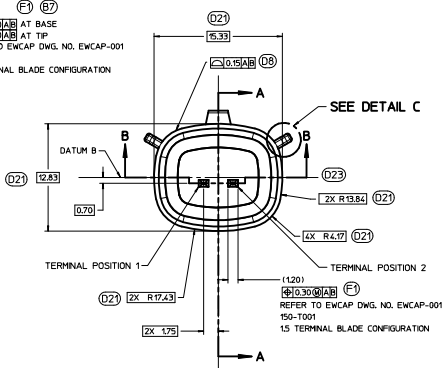
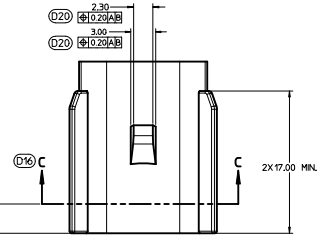
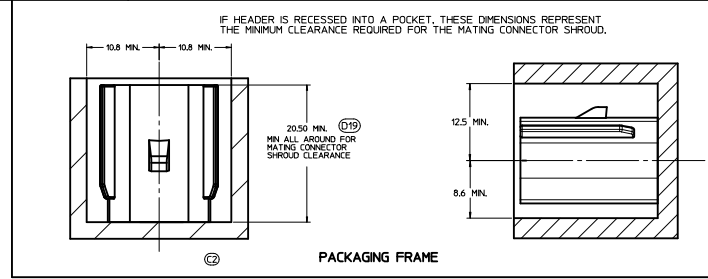
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





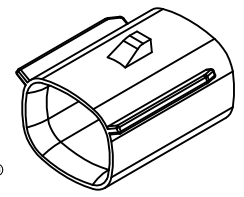
CONSTRUCTION BELOW THIS SURFACE IS NOT CONTROLLED BY EWCAP. NO PLASTIC FEATURES MAY EXTEND ABOVE THIS SURFACE.



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

NOTE: 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 ENTERED IN THIS DRAWING'S CONTROL COLUMN.

- NOTES: UNLESS OTHERWISE SPECIFIED
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 RADI: 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 <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, ANALYZE THE CAD MODEL.



REV	DESCRIPTION	DATE	BY	CHK
094	F2 CORRECTED CHRYSLER GROUP LLC NOMENCLATURE			
094	F1 MOVED NOTE TO SECTION B-B AND CORRECTED AND RENAMED TRUE POSITION DATUM REFERENCE	02-08-2012	KC	MV
091	E REVISED AS TO DP DR DR2 DR3 DR4 DR5 DR6 AND DR7	08-16-11	KC	MV
090	D31 ADDED 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 [5.58]			
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 ± 0.04]			
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 40.20 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 880 ± 0.10 ± 0.20 ALL AROUND			
090	D9 MOVED PIN DIMENSIONS TO DETAIL D AND DETAIL E			
090	D8 RELATED WALL THICKNESS CONTROL WITH PROFILE OF A SURFACE			
090	D7 ADDED DATUM B REFERENCE			
090	D6 ADDED R6.471			
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 G04T 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 JUPPOSE D04M.			
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 3°			
B12	IS & 1/2 [0.10 ± 0.04]			
B11	KEY OPTIONS A THRU D DIMENSIONED TO EDGE WAS DIMENSIONED TO C/L OF KEY			
B10	GO A 1 [0.10 ± 0.04] REMOVED FROM VIEW DETAIL C			
B9	[0.10 ± 0.04] WAS 4X R 9.92			
B8	[0.10 ± 0.04] [0.10 ± 0.04] WAS 2X R 12.99 AND 2X R 6.10			
B7	REMOVED GO AT FOR TIP AND BASE			
B6	DATUM [E] AT DIM 10.33 WAS AT DIM. 12.83			
B5	SURFACE D LOCATED AT [5.58]			
B4	DATUM [B] AT DIM 12.83 WAS AT 10.20 SECTION A-A			
B3	EWCAP CHART 150-S-002-1-Z05 WAS 150-S-002-1-T80. MATING CONNECTOR COLORS ADDED			
B2	EWCAP CHART 150-S-002-1-Z05 WAS 150-S-002-1-T80			
B1	REMOVED NOTE AT 3° DRAFT ANGLE PERMISSIBLE 0.25° MAXIMUM. RENUMBERED NOTES	01-10-08	DG	SV
A	RELEASED	11-13-07	JH	MV

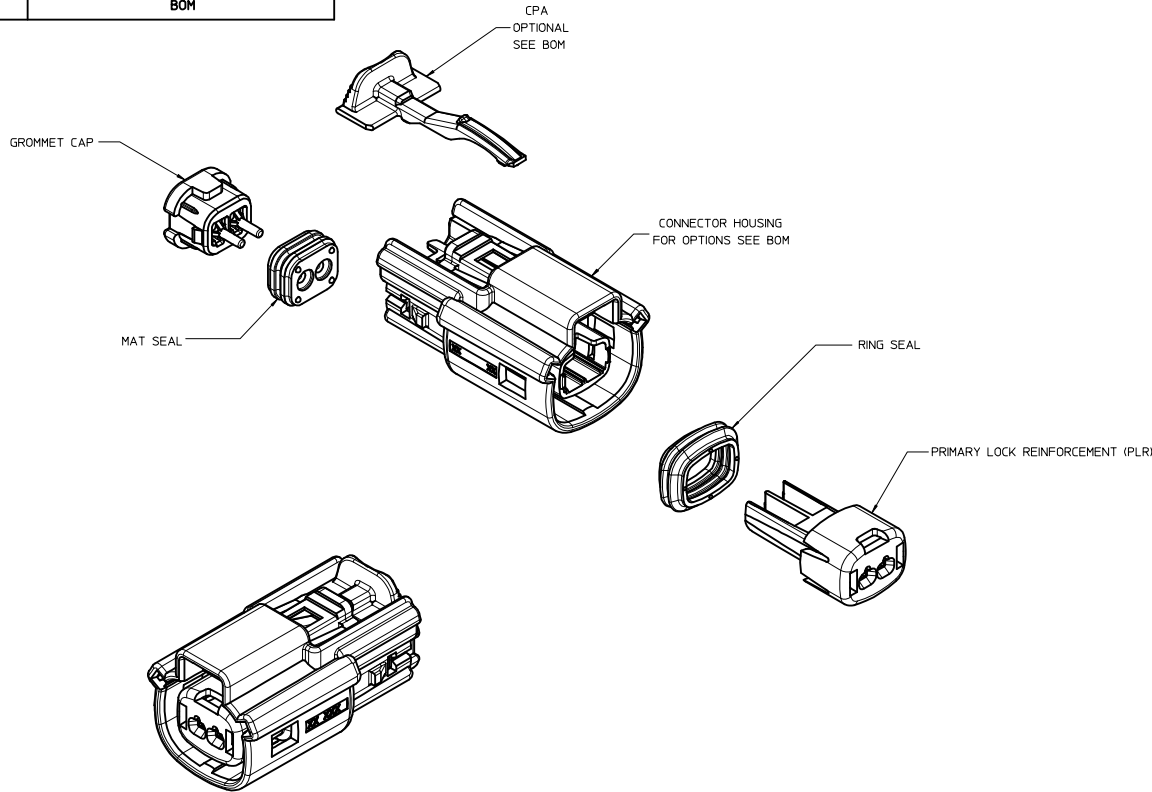
EWCAP P/N	OPTION	MATING CONNECTOR
150-S-002-1-Z05	D	BLACK
150-S-002-1-C05	C	DK GRAY
150-S-002-1-B05	B	LT GRAY
150-S-002-1-A05	A	BLACK

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



EWCAP  
 SCALE 5 - 1  
 DRAWN BY K. CUNNINGHAM  
 CHECKED BY RYANSLAMBOUCK  
 DATE 02-08-2012  
 TITLE DIRECT CONNECT INTERFACE  
 2 WAY (1 X 2) 15MM SEALED MALE  
 PART 1041  
 DRAWING NUMBER 150-S-002-1-Z05  
 REV E  
 THIRD ANGLE PROJECTION  
 DIMENSIONS ARE IN: X ± 0.2 ANGLE: 1:3° Y ± 0.10  
 TOLERANCES UNLESS OTHERWISE SPECIFIED  
 THIRD ANGLE PROJECTION  
 DIMENSIONS ARE IN: X ± 0.2 ANGLE: 1:3° Y ± 0.10

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

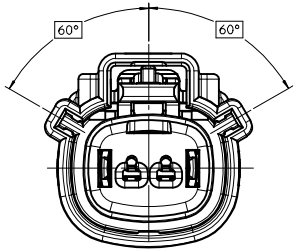
1. GENERAL:
  - a. APPLICATION SPECIFICATION SEE: AS-33472-100
    - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING AND TROUBLESHOOTING.
    - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-5-002-1-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 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 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:

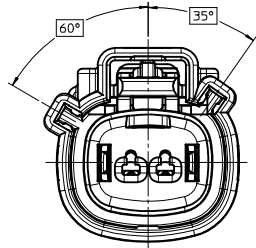
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C10	ADD NEW P/N 33471-0223
C9	UPDATED VIEWSET & NOTES
C8	RENAMED BACKSHELLS
C7	UPDATED CONFIGURATIONS SHEET 3
C6	UPDATED PACKAGING SPECIFICATION
C5	UPDATED GROMMET CAP CALLOUT
C4	REDRAWN, ADDED BACKSHELL
REV	DESCRIPTION

<b>ENTER DESCRIPTION</b> DEC NO: 04/02/04-1876 DRAWN BY: 2014/06/06 CHKD: APPR: VKOSHY 2014/06/19 C11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>+ .004</td> <td>+ .0005</td> </tr> <tr> <td>3 PLACES</td> <td>+ .003</td> <td>+ .0004</td> </tr> <tr> <td>2 PLACES</td> <td>+ 0.10</td> <td>+ .004</td> </tr> <tr> <td>1 PLACE</td> <td>+ 0.2</td> <td>+ .008</td> </tr> <tr> <td>0 PLACE</td> <td>+ .000</td> <td>+ .000</td> </tr> </tbody> </table> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	+ .004	+ .0005	3 PLACES	+ .003	+ .0004	2 PLACES	+ 0.10	+ .004	1 PLACE	+ 0.2	+ .008	0 PLACE	+ .000	+ .000	DIMENSION STYLE MM ONLY DRAWN BY: SVERZYL DATE: 06/17/08 CHECKED BY: DGRIFITHS DATE: 06/18/08 APPROVED BY: VKOSHY DATE: 2010/11/04	SCALE: 3:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	MATERIAL NO.: SEE BOM DOCUMENT NO.: SD-33471-021 SHEET NO.: 1 OF 7
		mm	INCH																				
	4 PLACES	+ .004	+ .0005																				
	3 PLACES	+ .003	+ .0004																				
2 PLACES	+ 0.10	+ .004																					
1 PLACE	+ 0.2	+ .008																					
0 PLACE	+ .000	+ .000																					
TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL																							
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							

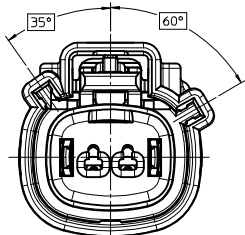
KEY CONFIGURATIONS



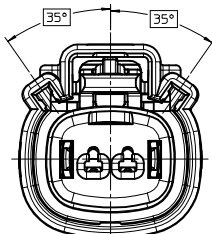
KEY A



KEY B

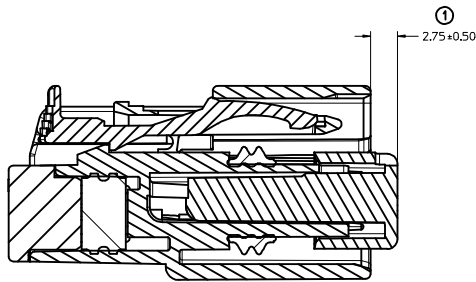
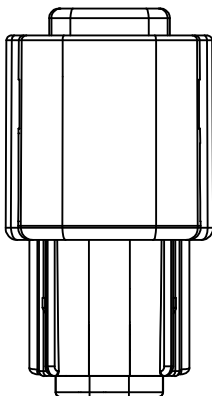
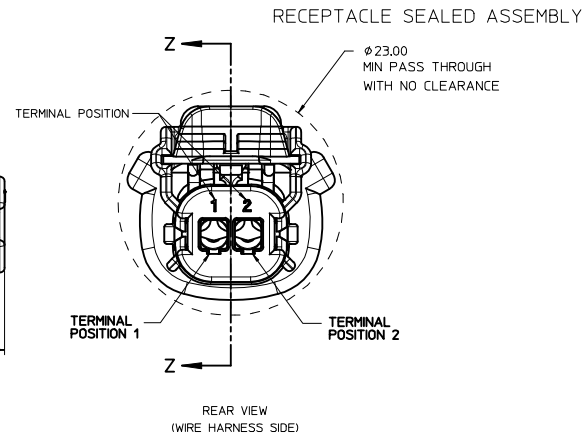
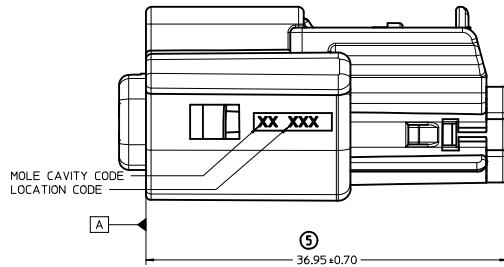
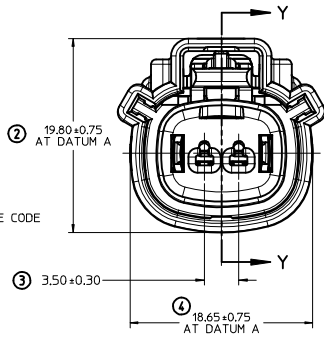
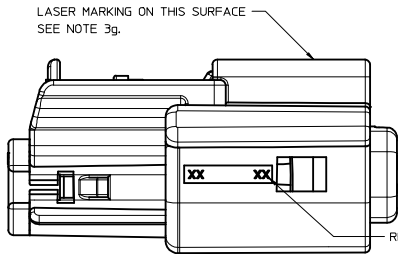


KEY C



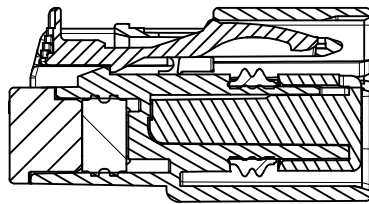
KEY D

<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-4876 DRAWN BY: 2014/06/06 CHKD: VKOSHY APPR: VKOSHY 2014/06/19 REVISIONS C11	<b>QUALITY SYMBOLS</b> ∇=0 ∇=0 ∇=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES # --- # --- 3 PLACES # --- # --- 2 PLACES # 0.10 # --- 1 PLACE # 0.2 # --- 0 PLACE # --- # ---	mm    INCH	DRAWN BY: SVERZYL    DATE: 06/17/08 CHECKED BY: DGRIFITHS    DATE: 06/18/08 APPROVED BY: VKOSHY    DATE: 2010/11/04	MATERIAL NO. SEE BOM	TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL	DOCUMENT NO. SD-33471-021
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



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

SECTION Z-Z

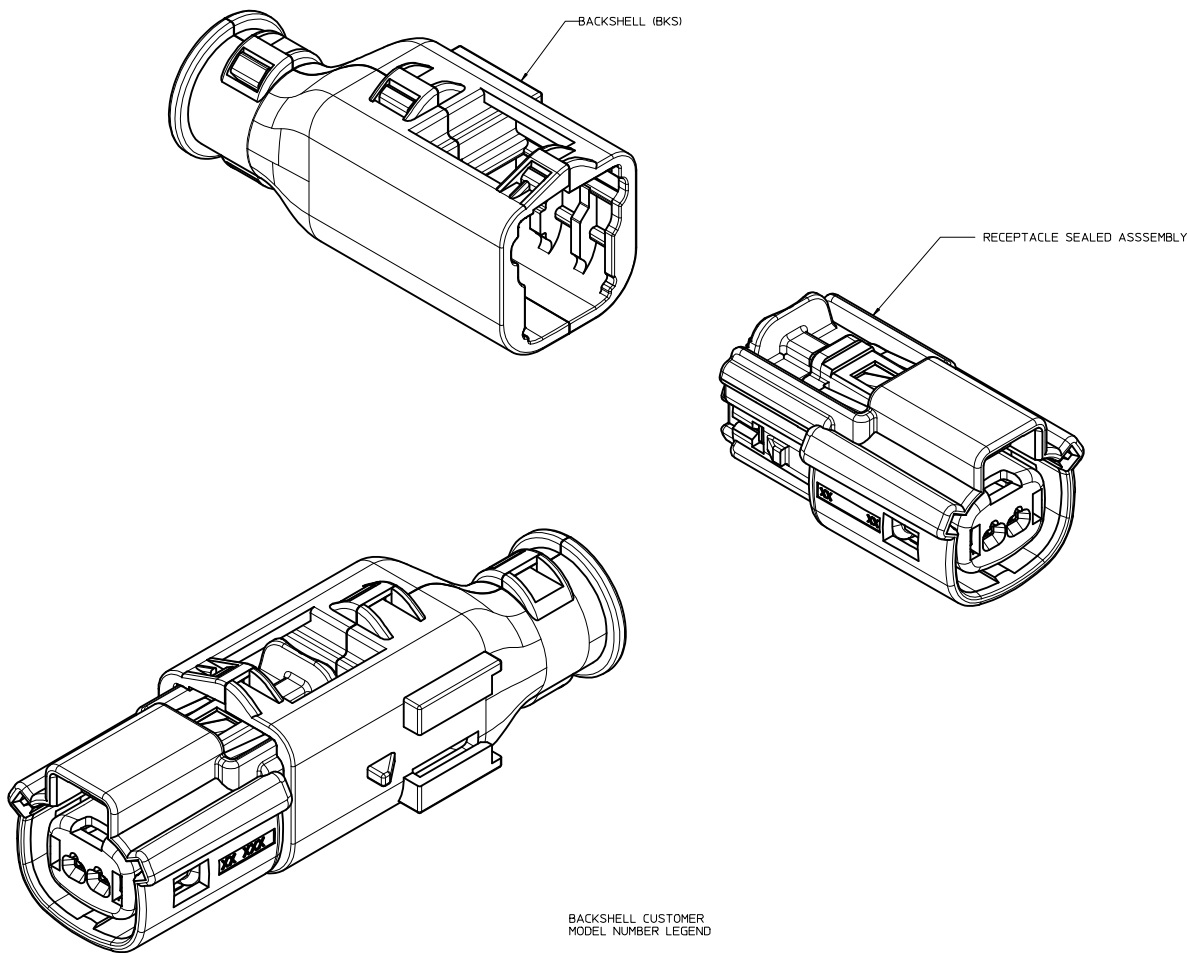


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION

SECTION Y-Y

<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-1876 DRAWN BY: 2014/06/06 CHKD: 2014/06/19 APPR: VKOSHY REV: DESCRIPTION	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	4 PLACES ± mm ± INCH 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---		DRAWN BY: SVERZYL DATE: 06/17/08 CHECKED BY: DGRIFITHS DATE: 06/18/08 APPROVED BY: VKOSHY DATE: 2010/11/04		MATERIAL NO: <b>SEE BOM</b>		DOCUMENT NO: SD-33471-021		SHEET NO. 3 OF 7
	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		TITLE <b>MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL</b>						
	SIZE <b>D</b>		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 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.

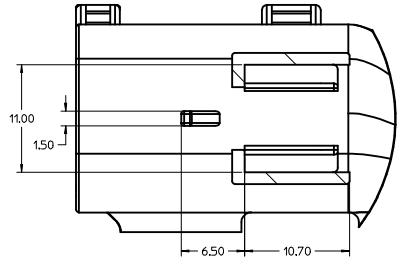
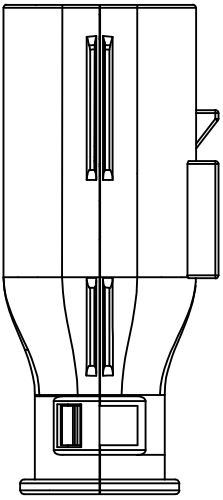
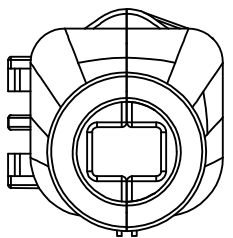
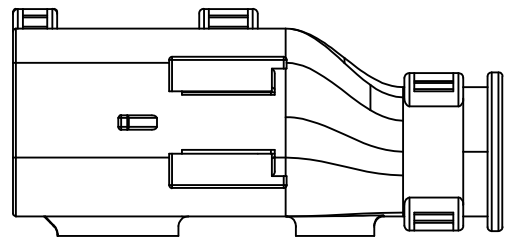
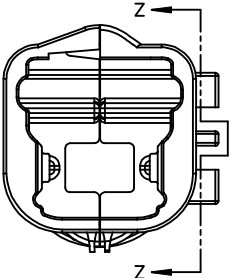
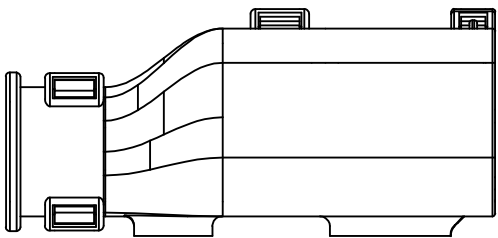
BACKSHELL CUSTOMER MODEL NUMBER LEGEND

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 DEC NO: UAU2014-1876 DRAWN BY: 2014/06/06 CHKD: 2014/06/06 APPR: VKOSHY REV: 2014/06/19	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	SYERZYL 06/17/08	MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
	2 PLACES ± 0.10 ± ---	CHECKED BY DATE	MATERIAL NO.			SHEET NO.
	1 PLACE ± 0.2 ± ---	DGRIFITHS 06/18/08	SEE BOM			4 OF 7
	0 PLACE ± --- ± ---	APPROVED BY DATE	SD-33471-021			
		VKOSHY 2010/11/04	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

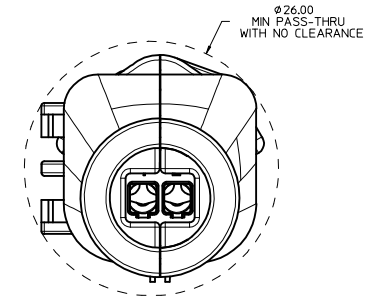
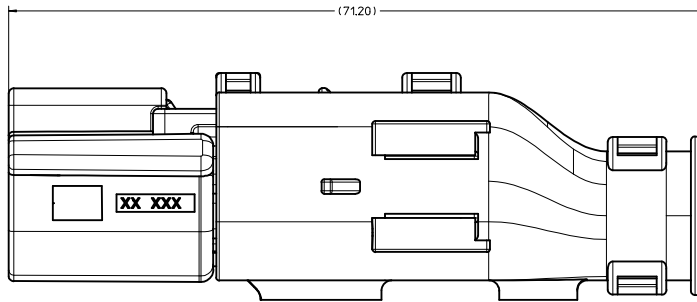


Partial Z-Z  
 SCALE 4:1

<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-4876 DRAWN BY: 2014/06/06 CHKD: VKOSHY APPR: VKOSHY 2014/06/19 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	MM ONLY	4:1	METRIC	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 3 ° MATERIAL NO. SEE BOM SIZE D	DRAWN BY DATE SVERZYL 06/17/08 CHECKED BY DATE DGRIFITHS 06/18/08 APPROVED BY DATE VKOSHY 2010/11/04	TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL <b>molex</b>	DOCUMENT NO. SD-33471-021	SHEET NO. 5 OF 7
	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

<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-4876 DRAWN BY: 2014/06/06 CHKD: VKOSHY APPR: VKOSHY 2014/06/19 REVISIONS C11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	SVERZYL 06/17/08	MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
▽=0	2 PLACES ± 0.10 ± ---	CHECKED BY DATE	DOCUMENT NO.			
	1 PLACE ± 0.2 ± ---	DGRIFITHS 06/18/08	SD-33471-021			
	0 PLACE ± --- ± ---	APPROVED BY DATE	SHEET NO.			
	ANGULAR ± 3 °	VKOSHY 2010/11/04	6 OF 7			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		SEE BOM				

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					GCP			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	A			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 SOLD SEPERATELY			
	CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION															

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 ELEC NO: UAU2014-1876 DRAWN BY CHKD: APPR:VKOSHY 2014/06/19 2014/06/19 C11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± .000 ± .000 3 PLACES ± .000 ± .000 2 PLACES ± 0.10 ± .000 1 PLACE ± 0.2 ± .000 0 PLACE ± .000 ± .000	DIMENSION STYLE MM ONLY	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DRAWN BY DATE SVERZYL 06/17/08		CHECKED BY DATE DGRIFITHS 06/18/08		TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL
	APPROVED BY DATE VKOSHY 2010/11/04		MATERIAL NO. SEE BOM		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NO. SD-33471-021		SHEET NO. 7 OF 7