

Excellent Integrated System Limited

Stocking Distributor

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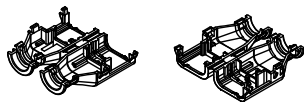
[Molex Connector Corporation](#)
[0349511210](#)

For any questions, you can email us directly:

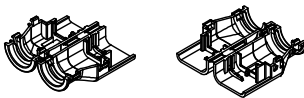
sales@integrated-circuit.com

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SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3	BACKSHELL DETAIL

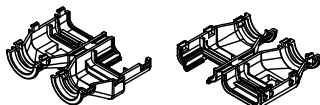
BILL OF MATERIALS (BOM)				
PART NUMBER	CIRCUIT SIZE	RIBS	STATUS	MATING ASSEMBLY DRAWING
34951-0610	2X3	YES	SALEABLE	SD-33472-061
34951-0620	2X3	NO	SALEABLE	SD-33472-062
34951-0810	2X4	YES	DESIGN CONCEPT	SD-33472-081
34951-0820	2X4	NO	DESIGN CONCEPT	SD-33472-081
34951-1210	2X6	YES	SALEABLE	SD-33472-121
34951-1220	2X6	NO	SALEABLE	SD-33472-121



2X3 RECEPTACLE



2X4 RECEPTACLE



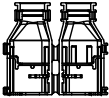
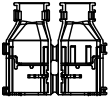
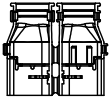
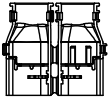
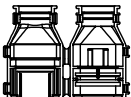
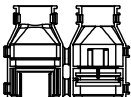
3Y6 RECEPTACLE

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

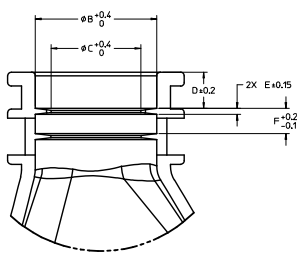
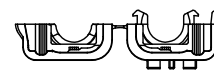
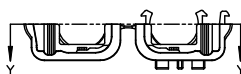
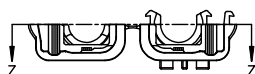
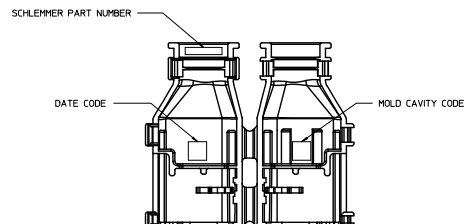
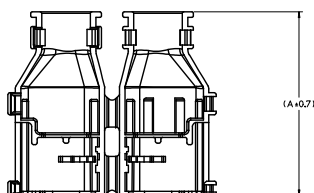
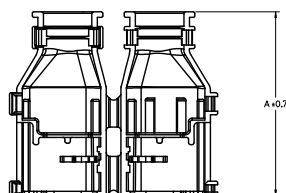
- a. APPLICATION SPECIFICATION SEE: AS-34951-001
 - DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY
 - AS SPECIFIED IN BOM
 - COMPONENTS ARE OPTIONAL, AND MUST BE PURCHASED SEPARATELY
 - BACKSHELL DESIGN IS OWNED BY SCHELMER
- b. PRODUCT SPECIFICATION
 - THESE PRODUCTS ARE ONE TIME USE ONLY.
 - REMOVAL FORCE OF THE BACKSHELL FROM THE MOLEX CONNECTOR TO BE 100N MIN.
 - REMOVAL FORCE OF SLT UNPLUG FROM THE WITH RIB OPTION BACKSHELLS TO BE 100N MIN.
 - REMOVAL FORCE OF UNSLIT CONVOLUTE FROM THE WITH RIB OPTION BACKSHELLS TO BE 100N MN.
- c. PACKAGING SPECIFICATION SEE PK-31002-118
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: OHS-699000-300
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COURTESY ENVISS)
- f. FOLLOWING PRODUCT INFORMATION TO BE PRESENT
 - DATE CODE
 - MOLD CAVITY CODE
 - MOLEX LOGO
 - RECYCLE CODE
 - SUPPLIER PART NUMBER
- 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 THE DRAWING, ANALYZE THE CAD MODEL.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 2009
 - c. CORNERS SHOWN AS SHARP TO BE R 0.1
 - d. VISUAL DETAILS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B).
 - e. DRAFT OF 2° PRESENT
 - f. ALLOWING FOR THE PARTING LINES MISMATCH, EJECTOR PINS MARK, AND GATE VESTIGE TO BE +0.30 MAX PROTRUSION.

A6	UPDATED BILL OF MATERIALS
A5	UPDATED STATUS COLUMN
A4	MINOR NOMENCLATURE CLEAN UP
A3	UPDATED VIEWSET & NOTES
A2	UPDATED REFERENCE DRAWINGS
A1	UPDATED NOTES
A	INITIAL RELEASE
REV	DESCRIPTION

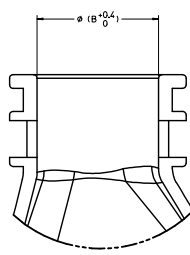
ENTER DESIGNATION NO. IN QUANTITY DATE CHECKED APPR.	2010/05/11 2010/05/11 2010/05/11 2010/05/11 2010/05/11	QUALITY SYMBOLS ✓ ✓ ✓ ✓ ✓	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES $\pm$.0001 3 PLACES $\pm$.0005 2 PLACES $\pm$.0015 1 PLACE $\pm$.003 1 PLACE $\pm$.005 1 PLACE $\pm$.010	DIMENSION STYLE MM ONLY DRAWING SCALE DAHAL 1:1 CHECKED BY DATE 2013/03/27 APPROVED BY DATE 2013/04/08 MATERIAL NO.	NEW SCALE 1:1 DESIGN UNIT METRIC THIRD ANGLE PROJECTION	TITLE MX150 RECEPTACLE DUAL ROW BACKSHIELD 	DOCUMENT NO. SD-3495-001-001 SHEET NO. 1 OF 3
	DRAFT WHEN APPLICABLE MTD. REMAIN WITTED DIMENSIONS SEE BOM THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX CORPORATION AND SHOULD NOT BE WRITTEN OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF MOLEX CORPORATION.						

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<table><tr><td rowspan="5">ENTER DESCRIPTION EC NO. 034951-1210 DRAWN BY: 034951-1210 CHKD: 034951-1210 APP: 034951-1210 REV: 034951-1210</td><td colspan="2">QUALITY SYMBOLS</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE</td><td colspan="2">SCALE</td><td colspan="2">DESIGN UNITS</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td colspan="2">▽=0</td><td colspan="2">mm INCH</td><td colspan="2">DRAWN BY</td><td colspan="2">DATE</td><td colspan="2">TITLE</td><td colspan="2"></td></tr><tr><td colspan="2">▽=0</td><td colspan="2">4 PLACES ± --- ± ---</td><td colspan="2">DAHAL</td><td colspan="2">2013/03/27</td><td colspan="2">MX150 RECEPTACLE DUAL ROW BACKSHELL</td><td colspan="2"></td></tr><tr><td colspan="2">▽=0</td><td colspan="2">3 PLACES ± --- ± ---</td><td colspan="2">CHECKED BY</td><td colspan="2">DATE</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">2 PLACES ± 0.1 ± ---</td><td colspan="2">APPROVED BY</td><td colspan="2">DATE</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">1 PLACE ± 0.3 ± ---</td><td colspan="2">VKOSHY</td><td colspan="2">2013/04/08</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">0 PLACE ± --- ± ---</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">ANGULAR ± 3 °</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2"></td><td colspan="2">SEE BOM</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">SIZE D</td><td colspan="2"></td><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td colspan="2"></td><td colspan="2"></td></tr></table>																					ENTER DESCRIPTION EC NO. 034951-1210 DRAWN BY: 034951-1210 CHKD: 034951-1210 APP: 034951-1210 REV: 034951-1210	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		▽=0		mm INCH		DRAWN BY		DATE		TITLE				▽=0		4 PLACES ± --- ± ---		DAHAL		2013/03/27		MX150 RECEPTACLE DUAL ROW BACKSHELL				▽=0		3 PLACES ± --- ± ---		CHECKED BY		DATE								2 PLACES ± 0.1 ± ---		APPROVED BY		DATE								1 PLACE ± 0.3 ± ---		VKOSHY		2013/04/08								0 PLACE ± --- ± ---												ANGULAR ± 3 °												DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE BOM								SIZE D				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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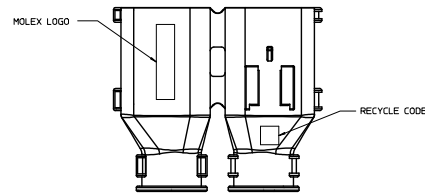
BACKSHELL DETAIL



Partial Z-Z
SCALE 5:1
WITH RIBS



Partial Y-Y
SCALE 5:1
WITHOUT RIBS



PART NUMBER	DIMENSIONS					
	A	B	C	D	E	F
34951-0010	50	13.2	9.2	3.5	0.65	2.7
34951-0020	50	13.2	N/A	N/A	N/A	N/A
34951-0040	50	17.7	15.6	3.5	0.83	3.1
34951-0240	50	17.7	N/A	N/A	N/A	N/A

ENTER DESCRIPTION EC NO. 140205-693 DRAWING NO. 0349511210 CHKD. APPR. 2013/05/12 REV. A6	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
	▽=0		4 PLACES ± 0.1 mm ± 0.004 INCH		DRAWN BY DAHAL		DATE 2013/03/27		MX150 RECEPTACLE DUAL ROW BACKSHELL molex		DOCUMENT NO. SD-34951-0001		SHEET NO. 3 OF 3	
	▽=0		3 PLACES ± 0.1 mm ± 0.004 INCH		CHECKED BY		DATE							
	▽=0		2 PLACES ± 0.1 mm ± 0.004 INCH		APPROVED BY		DATE							
	▽=0		1 PLACE ± 0.3 mm ± 0.012 INCH		VKOSHY		2013/04/08							
▽=0		0 PLACE ± 0.3 mm ± 0.012 INCH		MATERIAL NO.		2013/04/08								
ANGULAR ± 3°		DRAFT WHERE APPLICABLE		SEE BOM		SD-34951-0001								
MUST REMAIN WITHIN DIMENSIONS														