



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

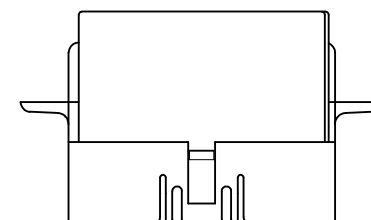
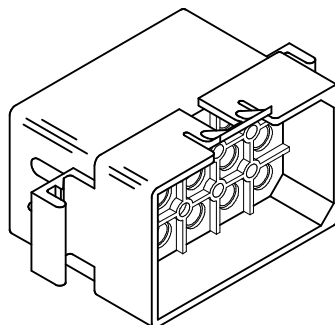
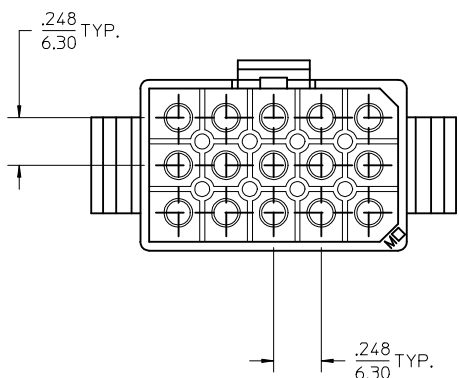
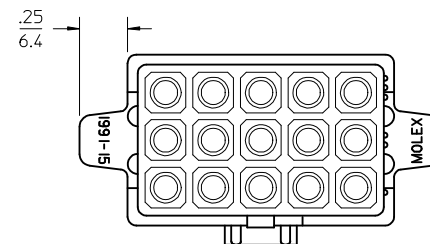
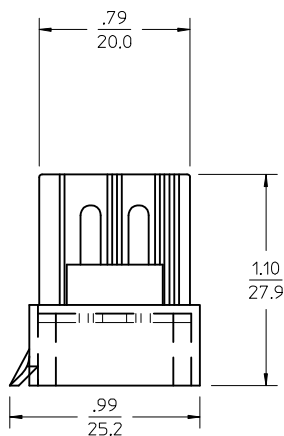
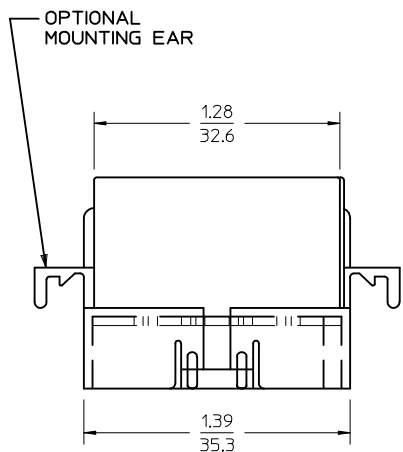
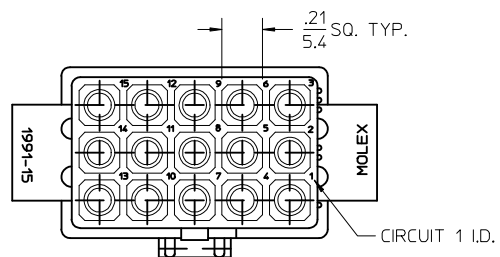
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



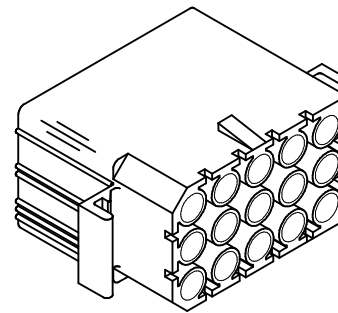
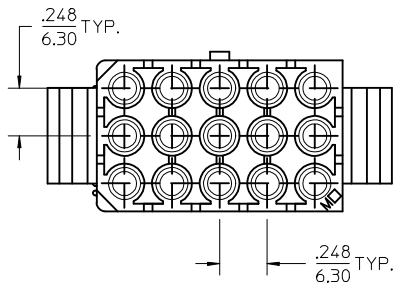
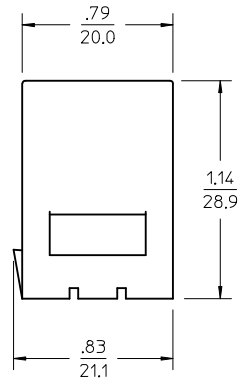
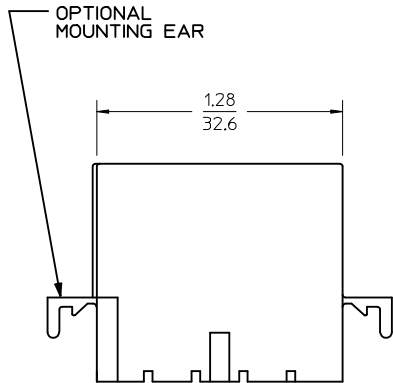
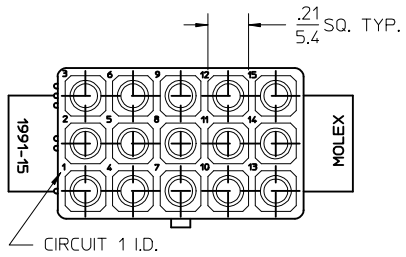
PLUG



OPTIONAL PULL TAB
1991-15P SHOWN

ADD PULL TAB VIEWS EC NO: UCP2014-3949 DRWN:MKIPPER 2014/04/17 CHKD:BARBERSON 2014/04/17 APPR:FSMITH 2014/06/10	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	.093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 15 CKT .248/(6.30) CTRS. molex SD-1991-15*		
			4 PLACES ± .005	± .005	KBW	1989/04/25			
			3 PLACES ± .005	± .010	CHECKED BY	DATE			
		2 PLACES ± 0.25	± .014	RW	1989/04/25				
		1 PLACE ± 0.35	± .014	APPROVED BY	DATE	DOCUMENT NO. SD-1991-15*			
		0 PLACE ± .005	± .014	FSMITH	2014/06/10				SHEET NO. 1 OF 3
		ANGULAR ±1/2°		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					

RECEPTACLE

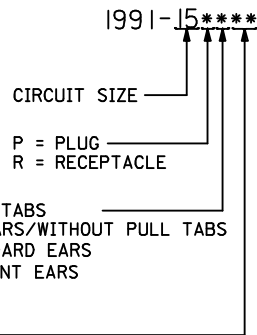


SEE SHEET 1 EC NO: UCP2014-3949 DRAWN: KIPPER 2014/04/17 CHKD: BANDERSON 2014/04/17 APPR: FSMITH 2014/06/10	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>±.010</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.25</td> <td>±.014</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.35</td> <td>---</td> </tr> <tr> <td>0 PLACE ±</td> <td>---</td> <td>---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	±.010	2 PLACES ±	0.25	±.014	1 PLACE ±	0.35	---	0 PLACE ±	---	---	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
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CHECKED BY RW	DATE 1989/04/25																							
APPROVED BY FSMITH	DATE 2014/06/10	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-1991-15*	SHEET NO. 2 OF 3																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						

PLUG		
ORDER NO	ENG NO	PKG. INFORMATION
19-09-2151	1991-15P	PK-1991-002
19-09-2153	1991-15P2	PK-1991-002
19-09-7151	1991-15PBK	PK-1991-001
-	-	-
-	-	-
-	-	-

RECEPTACLE		
ORDER NO	ENG NO	PKG. INFORMATION
19-09-1151	1991-15R2	PK-1991-002
19-09-1152	1991-15R1	PK-1991-002
19-09-6151	1991-15R2BK	PK-1991-001
19-09-6152	1991-15R1BK	PK-1991-001
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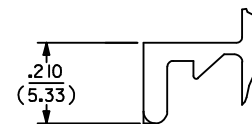
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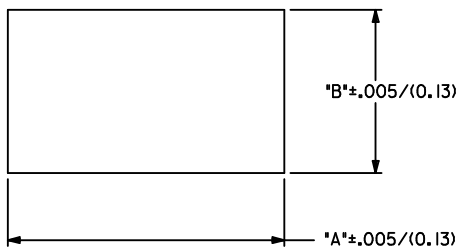
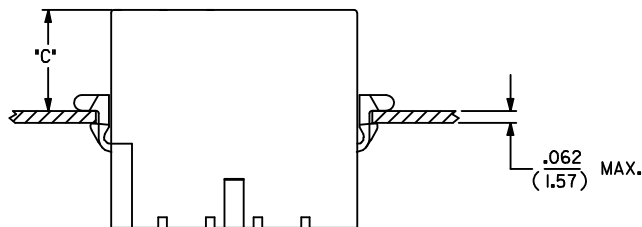
BLANK = WITH PULL TABS
 1 = WITHOUT EARS/WITHOUT PULL TABS
 2 = WITH STANDARD EARS
 3 = WITH PREBENT EARS

COLOR:

BLANK = NATURAL COLOR
 AM = AMBER BK = BLACK BU = BLUE
 BN = BROWN GY = GRAY GN = GREEN
 OR = ORANGE RD = RED YW = YELLOW

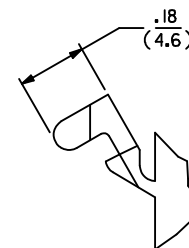
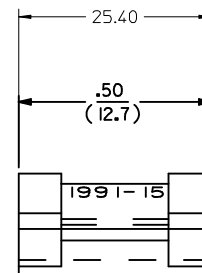


DETAIL A
STANDARD MOUNTING EAR
(SCALE 4:1)



RECOMMENDED PANEL OPENING

HOUSING	DIM. *A*	DIM. *B*	*C* PREBENT EAR	*C* STANDARD EAR
PLUG	1.552/(39.42)	.910/(23.11)	.31/(7.9)	.30/(7.6)
RECEPT.	1.442/(36.63)	.850/(21.60)	.54/(13.7)	.53/(13.5)



DETAIL B
PREBENT MOUNTING EAR
(SCALE 4:1)

NOTES:

- MATERIAL: NYLON TYPE 6/6, 94V-2.
- FINISH: N/A
- PRODUCT SPECIFICATION: PS-02-09
- PACKAGING SPECIFICATION: SEE CHART
- HOUSINGS FOR USE WITH MOLEX STANDARD .093/(2.36) TYPE TERMINALS
- PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

SEE SHEET 1 EC NO: UCP2014-3949 DRAWN: KIPPER 2014/04/17 CHKD: BANDERSON 2014/04/17 APPR: FSMITH 2014/06/10	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>± .---</td> <td>± .---</td> </tr> <tr> <td>3 PLACES</td> <td>± .---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .014</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.35</td> <td>± .---</td> </tr> <tr> <td>0 PLACE</td> <td>± .---</td> <td>± .---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .010	2 PLACES	± 0.25	± .014	1 PLACE	± 0.35	± .---	0 PLACE	± .---	± .---	DIMENSION STYLE IN/MM DRAWN BY DATE KBW 1989/04/25 CHECKED BY DATE RW 1989/04/25 APPROVED BY DATE FSMITH 2014/06/10	SCALE 2:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE .093/(2.36) HOUSINGS, PLUG AND RECEPTACLE, 15 CKT .248/(6.30) CTRS. molex
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		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-1991-15*	SHEET NO. 3 OF 3																		
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