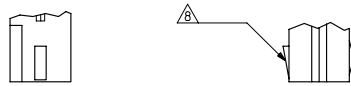
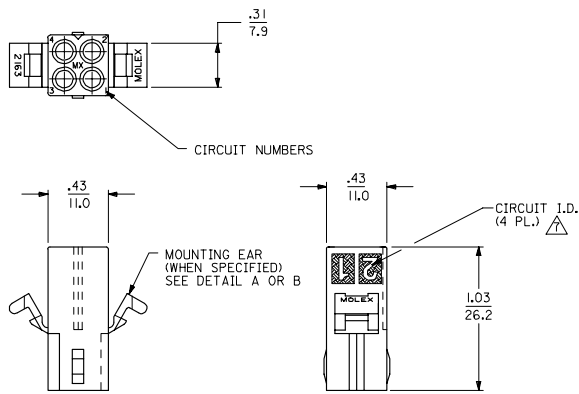
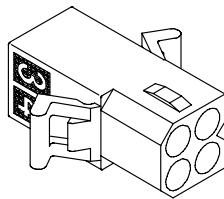
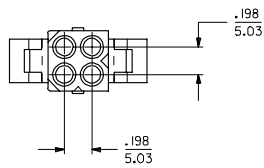


RECEPTACLE

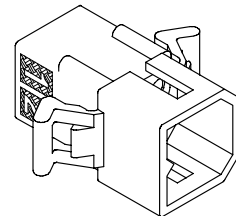
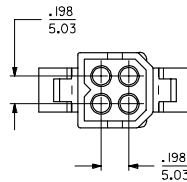
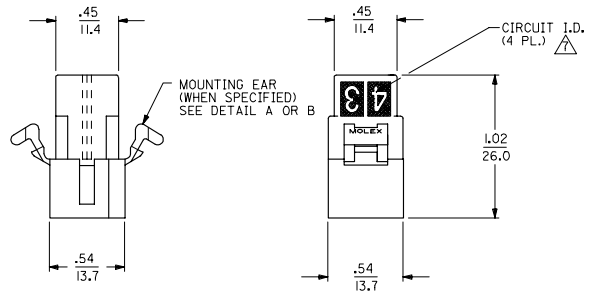
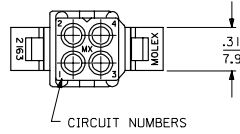


OPTIONAL POSITIVE LOCK
(ONE SIDE ONLY)



SHOWN WITH PREBENT MOUNTING EAR

PLUG



SHOWN WITH PREBENT MOUNTING EAR

2	I2
1	I2
SHT. REV.	

UPDATE NOTE 4 EC NO. UCP2007-0023 DRAWN BY: Z00010721 CHECKED BY: CHK000810 APPROVED BY: APP000810	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±.010</td> <td>±.0004</td> </tr> <tr> <td>3 PLACES</td> <td>±.015</td> <td>±.0006</td> </tr> <tr> <td>2 PLACES</td> <td>±.025</td> <td>±.0010</td> </tr> <tr> <td>1 PLACE</td> <td>±.035</td> <td>±.0014</td> </tr> <tr> <td colspan="3">ANGULAR ±.005°</td> </tr> </table>		mm	INCH	4 PLACES	±.010	±.0004	3 PLACES	±.015	±.0006	2 PLACES	±.025	±.0010	1 PLACE	±.035	±.0014	ANGULAR ±.005°			DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				mm	INCH																			
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3 PLACES	±.015	±.0006																						
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ANGULAR ±.005°																								
DRAWN BY: KBW CHECKED BY: RW APPROVED BY: RAS	DATE: 02/03/89 DATE: 02/03/89 DATE: 02/03/89	TITLE .093/(2.36) HOUSINGS PLUG & RECEPTACLE 4 CKT. .198/(5.03) CL	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-2163-*	SHEET NO. 1 OF 2																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	

PLUG	
ORDER NO	ENG NO
03-09-2040	2163-P
03-09-2049	2163-P1
50-29-0097	2163-PIUV

RECEPTACLE	
ORDER NO	ENG NO
03-09-1040	2163-R
03-09-1049	2163-R1
03-09-6049	2163-R1BK
50-29-0098	2163-R1UV

LEGEND:

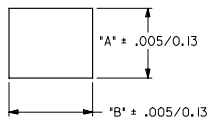
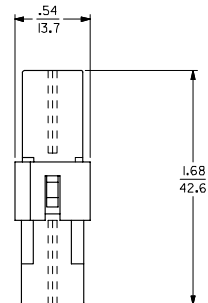
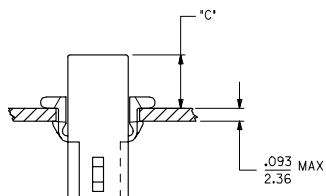
2163-****

P = PLUG
R = RECEPTACLE

- BLANK = WITH STANDARD EARS
 1 = WITHOUT EARS
 2 = WITH PREBENT EARS
 3 = RECEPTACLE W/ POSITIVE LOCK RAMP, WITHOUT EARS.
 4 = RECEPTACLE W/ POSITIVE LOCK RAMP, WITH STANDARD EARS.

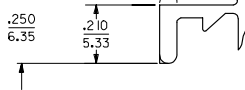
COLOR:

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

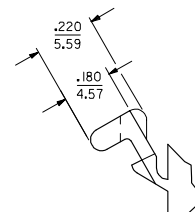


RECOMMENDED PANEL OPENING

HOUSING	DIM. "A"	DIM. "B"	"C" PREBENT EAR	"C" STANDARD EAR
PLUG	.555/14.10	.695/17.65	.42/10.7	.38/9.7
RECEPT.	.500/12.70	.600/15.24	.40/10.2	.37/9.4



DETAIL A
 .093/(2.36) STANDARD MOUNTING EAR
 (SCALE 4:1)



DETAIL B
 .093/(2.36) PREBENT MOUNTING EAR
 (SCALE 4:1)

NOTES:

- MATERIAL: NYLON 6/6 (PA), UL 94V-2.
- FINISH: NONE.
- PRODUCT SPECIFICATION: PS-02-09 APPLIES.
- PARTS TO BE PACKAGED PER PK-2163-001
- MATES WITH SERIES 2163.
- ACCEPTS MOLEX .093 SERIES TERMINALS.
- CIRCUIT I.D. NUMBERS ON HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 7/22/91.
- POSITIVE LOCK VERSION REQUIRES USE OF A SCREWDRIVER OR SIMILAR TOOL TO LIFT SHROUD ON PLUG HOUSING IN ORDER TO UNMATE RECEPTACLE HOUSING.

UPDATE NOTE 4 EC NO. UCP2007-0023 DRAWN BY: 2006/07/27 CHECKED BY: 2006/08/04 APPROVED BY: 2006/08/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .10</td> <td>± .004</td> </tr> <tr> <td>3 PLACES</td> <td>± .15</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± .25</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± .35</td> <td>± .015</td> </tr> <tr> <td colspan="3">ANGULAR ± .5°</td> </tr> </table>		mm	INCH	4 PLACES	± .10	± .004	3 PLACES	± .15	± .005	2 PLACES	± .25	± .010	1 PLACE	± .35	± .015	ANGULAR ± .5°			DIMENSION STYLE: IN/MM SCALE: 2:1 DESIGN UNITS: INCH THIRD ANGLE PROJECTION
			mm	INCH																	
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2 PLACES	± .25	± .010																			
1 PLACE	± .35	± .015																			
ANGULAR ± .5°																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: KBW DATE: 02/03/89 CHECKED BY: RW DATE: 02/03/89 APPROVED BY: RAS DATE: 02/03/89	MATERIAL NO. SD-2163-* DOCUMENT NO. SD-2163-* SHEET NO. 2 OF 2	TITLE: .093/(2.36) HOUSINGS PLUG & RECEPTACLE 4 CKT., .198/(5.03) CL MOLEX INCORPORATED																		
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