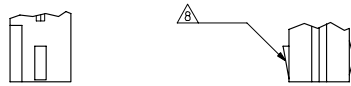
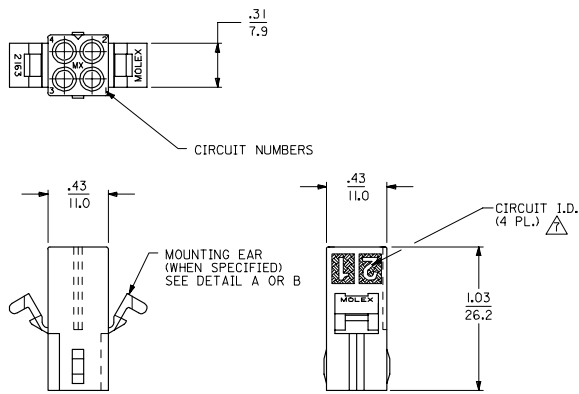
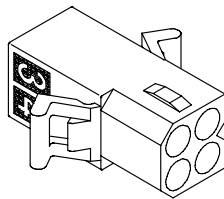
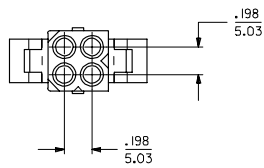


RECEPTACLE

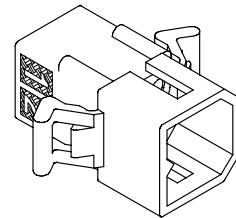
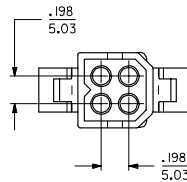
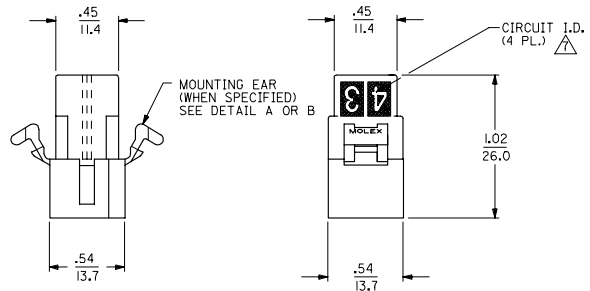
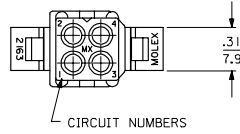


OPTIONAL POSITIVE LOCK  
(ONE SIDE ONLY)



SHOWN WITH PREBENT MOUNTING EAR

PLUG



SHOWN WITH PREBENT MOUNTING EAR

UPDATE NOTE 4 EC NO. UCP2007-0023 DRAWN BY: 2006/07/27 CHK'D BY: 2006/08/01 APPR'D BY: 2006/08/02	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± ---°	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	SHEET NO. 1 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-2163-*		MOLEX INCORPORATED	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

2	I2
1	I2
SHT. REV.	

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:**

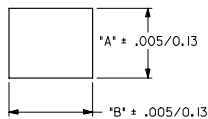
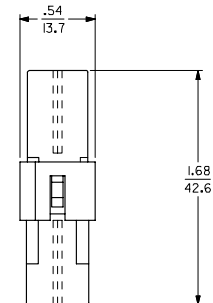
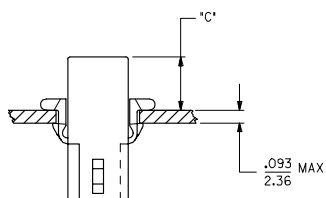
2163-\*\*\*\*

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.

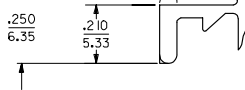
**COLOR:**

- 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

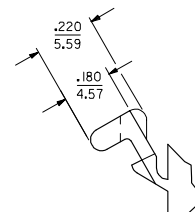


**RECOMMENDED PANEL OPENING**

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																	
	4 PLACES		± .10	± .004																	
	3 PLACES		± .15	± .005																	
2 PLACES	± .25	± .010																			
1 PLACE	± .35	± .015																			
ANGULAR ± .5°																					
DESCRIPTION	DRAWN BY: KBW DATE: 02/03/89 CHECKED BY: RW DATE: 02/03/89 APPROVED BY: RAS DATE: 02/03/89	MATERIAL NO.: DOCUMENT NO.: SD-2163-* SHEET NO.: 2 OF 2																			
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	TITLE: .093/(2.36) HOUSINGS PLUG & RECEPTACLE 4 CKT., .198/(5.03) CL MOLEX INCORPORATED																			
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