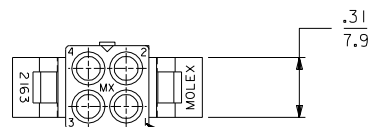
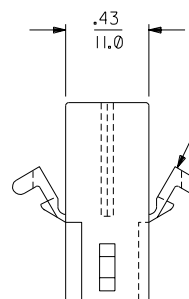


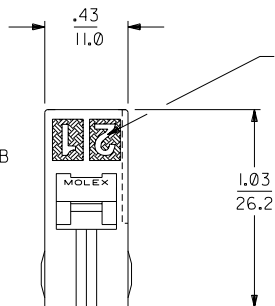
RECEPTACLE



CIRCUIT NUMBERS



MOUNTING EAR
(WHEN SPECIFIED)
SEE DETAIL A OR B

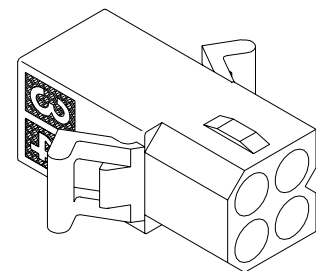
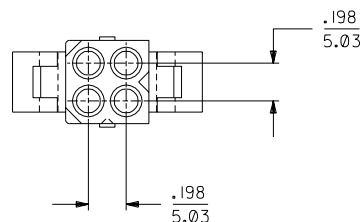
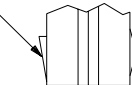


CIRCUIT I.D.
(4 PL.)



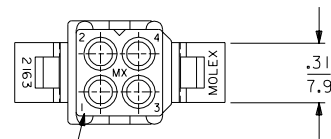
OPTIONAL POSITIVE LOCK
(ONE SIDE ONLY)

8

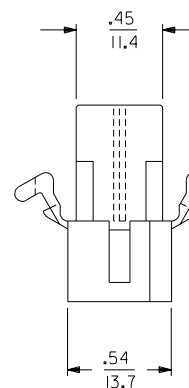


SHOWN WITH PREBENT MOUNTING EAR

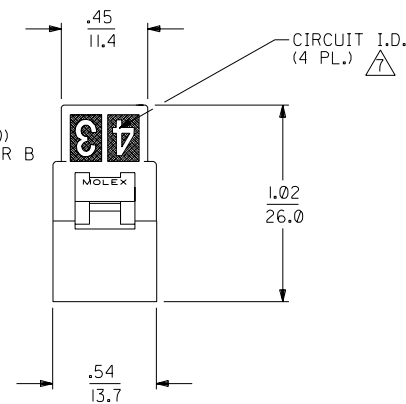
PLUG



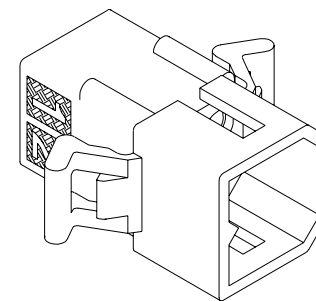
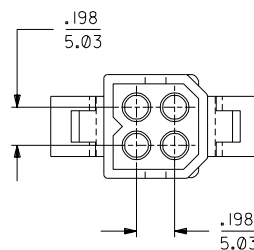
CIRCUIT NUMBERS



MOUNTING EAR
(WHEN SPECIFIED)
SEE DETAIL A OR B



CIRCUIT I.D.
(4 PL.)



SHOWN WITH PREBENT MOUNTING EAR

II	ADD -PIUV & -RIUV UCR2003-1992 ELHAG, 03/03/20
I	OBsolete P/N UCR2002-0270 COMERC 01/10/1
HI	UPDATE PER UCR2001-0387 JBS 10/25/00 BW
H	ADD -R3 & -R4 ECN #1998-0037 RW 3-17-98
G	REVISED ECN U81435 WANG 98-01-09
FI	REVISED ECN U81083 WANG 97/10/29
F	REMOVE -PBK ECR U2 1821 GC 3/30/93 RW
E	ADD CIRCUIT NO'S. ECR U1 1166 GC 7/22/91 RW
D	REVISED & REDRAWN ECR # U81652 KBW 02-03-89 RW

MFG.	SH.	REV.	LTR.	REVISIONS
2	II			
I	II			

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± DMS				$\nabla = 0$ $\blacktriangledown = 0$ REVISE ONLY ON CAD SYSTEM																	
TITLE				.093/(2.36) HOUSINGS PLUG & RECEPTACLE 4 CIRCUIT, .198/(5.03) C																	
<table><tr><td colspan="2">INCH</td><td colspan="2">METRIC</td></tr><tr><td>3 PLACE</td><td>± .010</td><td>---</td><td></td></tr><tr><td>2 PLACE</td><td>± .014</td><td>± 0.25</td><td></td></tr><tr><td>1 PLACE</td><td>---</td><td>± 0.35</td><td></td></tr></table>				INCH		METRIC		3 PLACE	± .010	---		2 PLACE	± .014	± 0.25		1 PLACE	---	± 0.35		MOLEX INCORPORATED SHEET NO. DATE LISEA,ILL. 68532 U.S.A. 1 OF 2 2 / 3/89	
INCH		METRIC																			
3 PLACE	± .010	---																			
2 PLACE	± .014	± 0.25																			
1 PLACE	---	± 0.35																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				PART NO. DRWG. NO.																	
SEE CHART				SD-2163-*																	
DRWG. BY KBW		CHK'D. BY RW		FILE NAME																	
APP'D. BY RAS		SCALE 2:1		N21634																	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				DIV. CP																	

PLUG	
ORDER NO	ENG NO
03-09-2040	2163-P
03-09-2049	2163-PI
03-09-2019	2163-PIRD
03-09-2029	2163-PIBU
50-29-0097	2163-PIUV

RECEPTACLE	
ORDER NO	ENG NO
03-09-1040	2163-R
03-09-1049	2163-RI
03-09-6049	2163-RIBK
03-09-1044	2163-R3
03-09-1050	2163-R4
03-09-2071	2163-RIRD
03-09-2072	2163-RIBU
50-29-0098	2163-RIUV
	OBSOLETE
	OBSOLETE

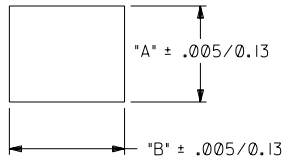
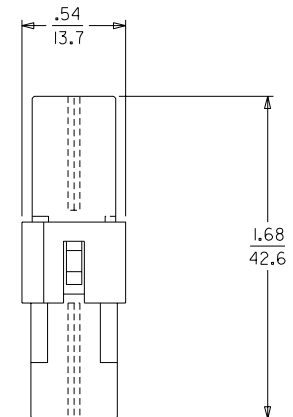
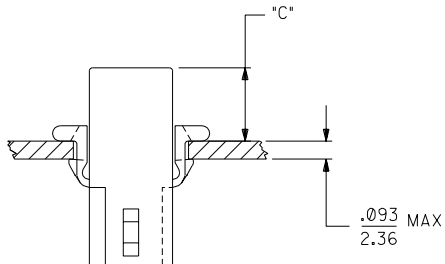
LEGEND:

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



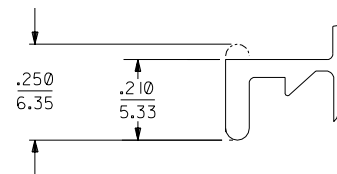
RECOMMENDED PANEL OPENING

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

NOTES:

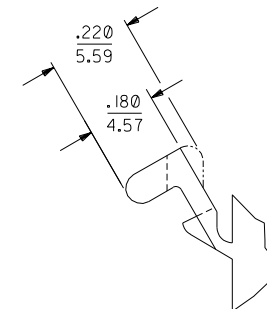
1. MATERIAL: NYLON 6/6 (PA), UL 94V-2.
2. FINISH: NONE.
3. PRODUCT SPECIFICATION: PS-02-09 APPLIES.
4. PACKAGING SPECIFICATION: PK-70810-7018.
5. MATES WITH: SERIES 2163.
6. ACCEPTS MOLEX .093 SERIES TERMINALS.

- △ 7. CIRCUIT I.D. NUMBERS ON HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 7/22/91.
- △ 8. POSITIVE LOCK VERSION REQUIRES USE OF A SCREWDRIVER OR SIMILAR TOOL TO LIFT SHROUD ON PLUG HOUSING IN ORDER TO UNMATE RECEPTACLE HOUSING.



DETAIL A

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



DETAIL B

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

		HI	SEE SHEET 1
		H	SEE SHEET 1
		G	SEE SHEET 1
		FI	SEE SHEET 1
		F	SEE SHEET 1
11	SEE SHEET 1	E	SEE SHEET 1
I	SEE SHEET 1	D	SEE SHEET 1
LTR.	REVISIONS	LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .005	
5 PLACE ± .010	---
2 PLACE ± .014	± 0.25
1 PLACE ---	± 0.35
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
DRWG. BY KBW	CHK'D. BY RW
APP'D. BY RAS	SCALE 2 : 1

▽ = 0	▼ = 0	REVISE ONLY ON CAD SYSTEM	
TITLE		.093/(2.36) HOUSINGS PLUG & RECEPTACLE 4 CIRCUIT .198/(5.03) C	
MOLEX INCORPORATED LITTLE ROCK, AR 68532 U.S.A.	SHEET NO. 2	DATE 02/03/89	
PART NO. SEE CHART	DRWG. NO. SD-2163-*		
FILE NAME M21634	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. CP