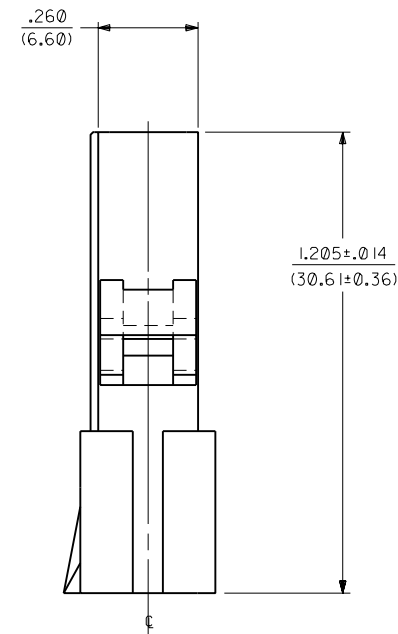
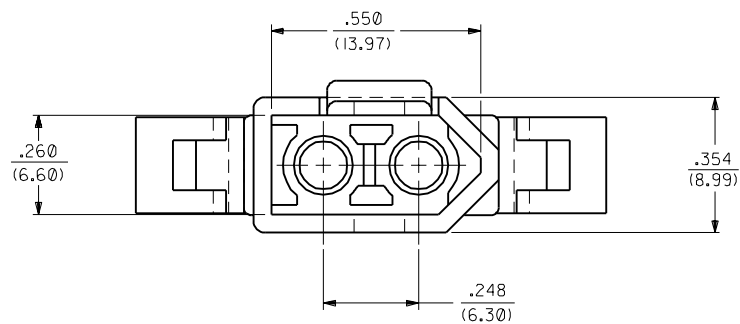
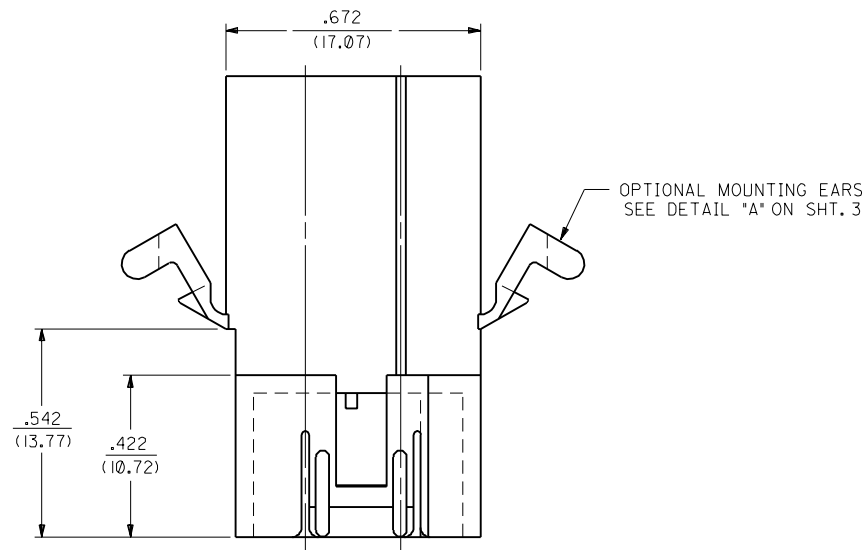
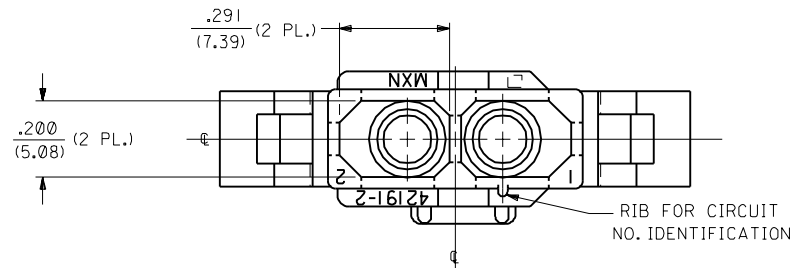




PLUG HOUSING

DIMENSIONS SHOWN (METRIC) INCH			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES ANGULAR $\pm .04^\circ$			
	INCH	METRIC	
3 PLACE	$\pm .010$	---	
2 PLACE	$\pm .014$	± 0.25	
1 PLACE	---	± 0.36	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY	GEP	CHK'D BY	RW
APP'D BY	RAS	SCALE	4 : 1

REVISE ONLY ON CAD SYSTEM			
TITLE			
.093/(12.36) HOUSING; PLUG AND RECEPTACLE; 2 CIRCUIT			
MOLEX INCORPORATED			
L15LEJLL 60532			
PART NO.	SHEET NO. 1 OF 3		
DATE	12/17/87		
DRWG. NO.	SD-42191-2		
FILE NAME	S421912X1		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	DIV. CP		

REV.	LTR.	REVISIONS
3	E	
2	D	
1	E	
0		
ADD -2RIGN OBS. -2P & -2R EC*2002-0347 10/11/01 BW		
ADD GRN COLOR OPT EC*2002-0246 BW 9/13/01		
ADD COLOR VERSION PER ERO 29636 3-8-90 RW		
REVISED PER ECR #109 0353 08-01-89 RW		
REVISED PER ECR #190163 KBW 02-28-89 RW		
REV. PER ECR #181350 GEP 4-15-88 RW		
REV. & FINAL REL. ERO 25890 GEP 1-22-88 RW		
REV. & REDRAWN ERO 25683 GEP 12-17-87 RW		

I3	I2	I1	I0	9	8	7	6	42191	4	3	2	I
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PLUG

PART NO.	ENG. NO.	OBSOLETE
03-09-2160	42191-2P	YES
03-09-2161	42191-2PI	
03-09-4161	42191-2PIRD	
03-09-4162	42191-2PIBU	
03-09-4163	42191-2PIGN	

RECEPTACLE

PART NO.	ENG. NO.	OBSOLETE
03-09-1160	42191-2R	YES
03-09-1161	42191-2RI	
03-09-1162	42191-2R2	
03-09-1163	42191-2R3	
03-09-3161	42191-2RIRD	
03-09-3162	42191-2RIBU	
03-09-3163	42191-2RIGN	

LEGEND: PLUG

42191-2P***-

CIRCUIT SIZE ————
P = PLUG ————

BLANK = WITH PREBENT EARS
I = WITHOUT EARS

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

BLANK = MATERIAL CODE A

LEGEND: RECEPTACLE

42191-2R***-

CIRCUIT SIZE ————
R = RECEPTACLE ————

BLANK = WITH PREBENT EARS, POSITIVE LOCK
I = WITHOUT EARS, POSITIVE LOCK
2 = WITH PREBENT EARS, PASSIVE LOCK
3 = WITHOUT EARS, PASSIVE LOCK

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

BLANK = MATERIAL CODE A

.090 MAX.
(2.29)
".C"
.250 (6.35)
.180 (4.57)
".A"±.005/(0.13)
".B"±.005/(0.13)

RECOMMENDED PANEL MOUNTING HOLE

HOUSING	DIM. "A"	DIM. "B"	DIM. "C"
PLUG	.831/(21.1)	.385/(9.78)	.44/(11.2)
RECEPTACLE	.831/(21.1)	.335/(8.51)	.46/(11.7)

DETAIL "A"

PREBENT MOUNTING EAR
SCALE 4:1

NOTES:

- MATERIAL CODES:
A = NYLON TYPE 6/6, 94V-2
- PART ACCEPTS DOUBLE WIRE CRIMPS OF 18 AWG MAXIMUM. EACH CIRCUIT WILL ALLOW ONE OF THE WIRES TO HAVE AN INSULATION THICKNESS OF .062/(1.57), THE OTHER HAVING AN INSULATION THICKNESS OF .031/(0.79).
- LOCK RAMP STYLE IS OPTIONAL ON THIS SIDE OF PART. CHOICE OF EITHER A POSITIVE LOCK RAMP OR A PASSIVE LOCK RAMP IS AVAILABLE.

E	SEE SHEET I
D2	SEE SHEET I
D1	SEE SHEET I
C	SEE SHEET I
B	SEE SHT. I
A	SEE SHT. I
I	SEE SHT. I
LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± .04° | °

INCH	METRIC
3 PLACE ± .010	--
2 PLACE ± .014	± 0.25
1 PLACE ---	± 0.36

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY CEP CHK'D. BY RW SCALE -- : --

APP'D. BY RAS

TITLE

.093/(2.36) HOUSINGS; PLUG AND RECEPTACLE; 2 CIRCUIT

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.

SHEET NO. 3 DATE 12 / 18 / 87

PART NO. SEE CHART SD-42191-2*

DRWG. NO.

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DIV. CP C

I3	I2	I1	I0	9	8	7	6	5	4	3	2	I
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