

RECEPTACLE HOUSING

LTR.	REVISIONS	LTR.	REVISIONS

DIMENSIONS SHOWN METRIC (INCH)	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm .04^\circ$ TO	
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: CEP	CHKD. BY: RW
APP'D. BY: RAS	SCALE: 4 : 1

REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS	
TITLE		TITLE		TITLE		TITLE		TITLE	
SEE CHART		SEE CHART		SEE CHART		SEE CHART		SEE CHART	
PART NO. 42191-3		PART NO. 42191-3		PART NO. 42191-3		PART NO. 42191-3		PART NO. 42191-3	
DRAWING NO. SD-42191-3		DRAWING NO. SD-42191-3		DRAWING NO. SD-42191-3		DRAWING NO. SD-42191-3		DRAWING NO. SD-42191-3	
DATE 12/23/87		DATE 12/23/87		DATE 12/23/87		DATE 12/23/87		DATE 12/23/87	
SHEET NO. 2		SHEET NO. 2		SHEET NO. 2		SHEET NO. 2		SHEET NO. 2	
MOLEX INCORPORATED		MOLEX INCORPORATED		MOLEX INCORPORATED		MOLEX INCORPORATED		MOLEX INCORPORATED	
LITTLE ROCK, AR 72616		LITTLE ROCK, AR 72616		LITTLE ROCK, AR 72616		LITTLE ROCK, AR 72616		LITTLE ROCK, AR 72616	
U.S.A.		U.S.A.		U.S.A.		U.S.A.		U.S.A.	
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PLUG		
PART NO.	ENG. NO.	
03-09-2170	42191-3P	OBSOLETE
03-09-2171	42191-3P1	

RECEPTACLE		
PART NO.	ENG. NO.	
03-09-1170	42191-3R	OBSOLETE
03-09-1171	42191-3R1	
03-09-1172	42191-3R2	OBSOLETE
03-09-1173	42191-3R3	

LEGEND: PLUG

42191-3P***

CIRCUIT SIZE

P = PLUG

BLANK = WITH PREBENT EARS
I = WITHOUT EARS

BLANK = NATURAL COLOR
A=AMBER B=BLACK C=BLUE
D=BROWN E=GRAY F=GREEN
G=ORANGE H=RED J=YELLOW

BLANK = MATERIAL CODE A

LEGEND: RECEPTACLE

42191-3R***

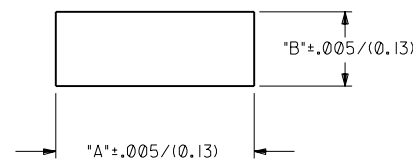
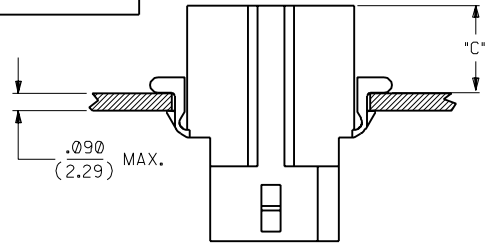
CIRCUIT SIZE

R = RECEPTACLE

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

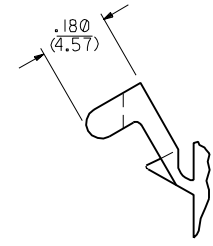
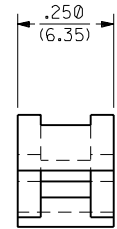
BLANK = NATURAL COLOR
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D=BROWN E=GRAY F=GREEN
G=ORANGE H=RED J=YELLOW

BLANK = MATERIAL CODE A



RECOMMENDED PANEL MOUNTING HOLE

HOUSING	DIM. "A"	DIM. "B"	DIM. "C"
PLUG	1.025/(26.03)	.370/(9.40)	.42/(10.7)
RECEPTACLE	1.025/(26.03)	.370/(9.40)	.46/(11.7)



DETAIL "A"

PREBENT MOUNTING EAR
SCALE 4:1

NOTES:

- MATERIAL CODES:
A = NYLON TYPE 6/6, 94V-2
- ALL THREE CIRCUITS ACCEPT DOUBLE WIRE CRIMPS OF 18 AWG MAXIMUM. CIRCUIT NO'S. 1 AND 3 WILL EACH ALLOW ONE OF THE WIRES TO HAVE AN OVERSIZE INSULATION THICKNESS OF .062/(1.57). CIRCUIT NO. 2 REQUIRES THAT BOTH WIRES NOT EXCEED 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.

LTR.	REVISIONS	LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 10°	
3 PLACE ± .010	---
2 PLACE ± .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: --:--

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: .093/(2.36) HOUSINGS; PLUG AND RECEPTACLE; 3 CIRCUIT

MOLEX INCORPORATED U.S.A. SHEET NO. 3 DATE 12/23/87

FILE NAME: S421913X3.DWG

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