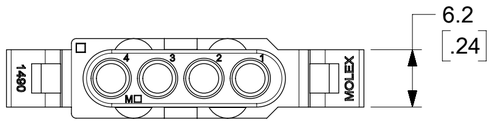
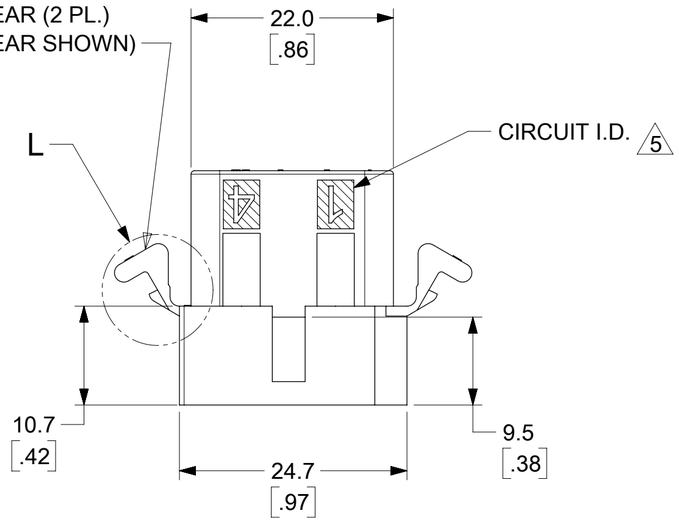
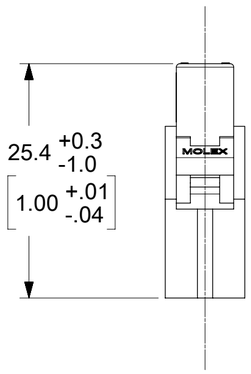
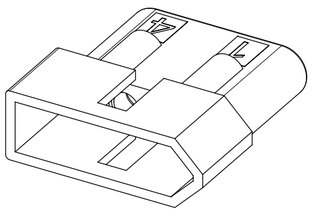
PLUG

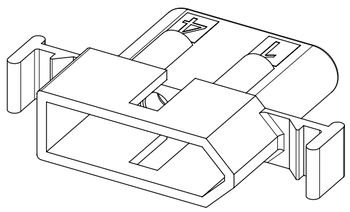




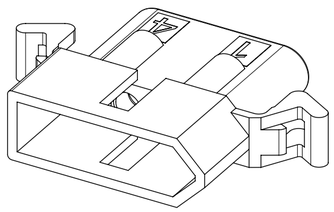




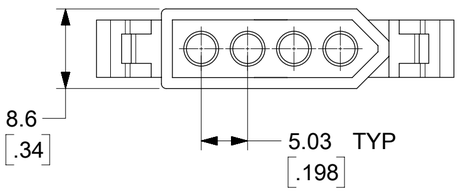
PLUG HOUSING WITHOUT EARS



PLUG HOUSING WITH STANDARD EARS



PLUG HOUSING WITH PREBENT EARS



DOCUMENT STATUS	P1	RELEASE DATE	2018/03/16 16:02:49

FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18

SYMBOLS
FA = 0
FC = 0
FD = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
▽ = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: MM/IN
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACE	± 0.35	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD CAVITY ID

EC NO: 173421
DRWN: MKIPPER 2018/03/07
CHK'D: JBELL 2018/03/12
APPR: FSMITH 2018/03/16

INITIAL REVISION:
DRWN: CSLAFTER 2017/01/17
APPR: FSMITH 2017/01/29

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 1490

molex

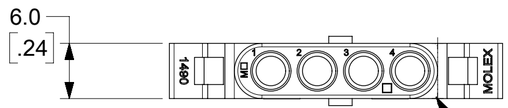
.093/(2.36) HOUSINGS PLUG AND RECEPTACLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
14900000-SD	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 3

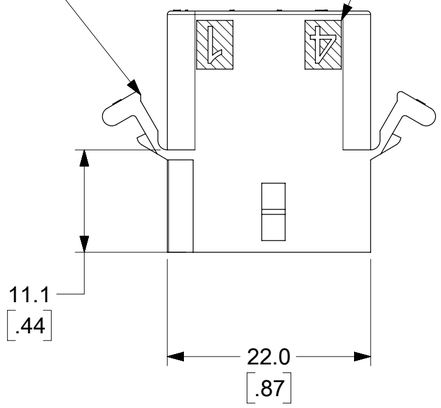
RECEPTACLE

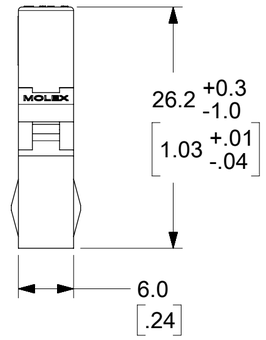


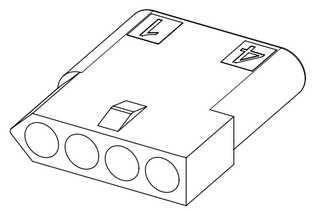
HOUSING MAY HAVE FULL RADIUS
OR RADIUSED CORNERS.

OPTIONAL MOUNTING EAR (2 PL.)
(PREBENT MOUNTING EAR SHOWN)
SEE DETAIL K OR L

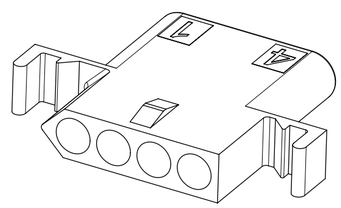
CIRCUIT I.D. 5



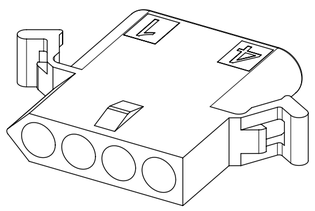




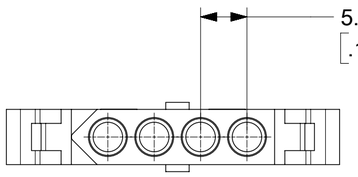
RECEPTACLE HOUSING WITHOUT EARS



RECEPTACLE HOUSING WITH STANDARD EARS



RECEPTACLE HOUSING WITH PREBENT EARS



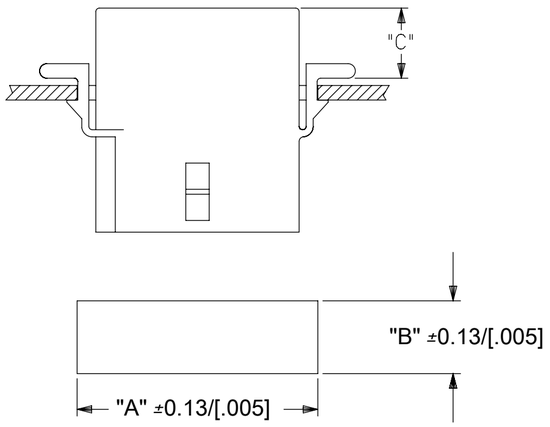
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
A = 0 C = 0 F = 0 S = 0 ▼ = 0 C = 0 ☒ = 0 ■ = 0 ▽ = 0	DIMENSION UNITS: MM/IN SCALE: 2:1 GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± ; 3 PLACES ± 0.01 ; 2 PLACES ± 0.25 ± 0.014 ; 1 PLACE ± 0.35 ; 0 PLACES ± ; ANGULAR TOL ± 0.5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CURRENT REV DESC: ADD CAVITY ID EC NO: 173421 DRWN: MKIPPER 2018/03/07 CHK'D: JBELL 2018/03/12 APPR: FSMITH 2018/03/16 INITIAL REVISION: DRWN: CSLAFTER 2017/01/17 APPR: FSMITH 2017/01/29 THIRD ANGLE PROJECTION ; DRAWING: C-SIZE ; SERIES: 1490	molex .093/(2.36) HOUSINGS PLUG AND RECEPTACLE PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 14900000-SD ; DOC TYPE: PSD ; DOC PART: 000 ; REVISION: A1 MATERIAL NUMBER: SEE CHART ; CUSTOMER: GENERAL MARKET ; SHEET NUMBER: 2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/03/16 16:02:49

FORMAT: Eng-lega-master-tb-prod-C
REVISION: P
DATE: 2018/01/18

PLUG	
PART NO.	ENG. NO.
03-09-2041	1490-P
03-09-2042	1490-P1
46999-0811	1490-P2

RECEPTACLE	
PART NO.	ENG. NO.
03-09-1041	1490-R
03-09-1042	1490-R1
03-09-1043	1490-R2



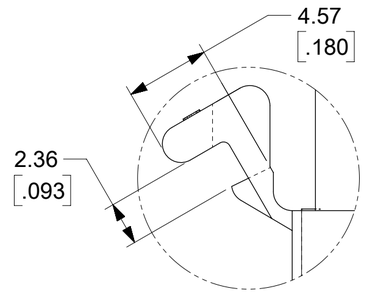
LEGEND

1490 - ***

P = PLUG
R = RECEPTACLE

BLANK = WITH STANDARD EARS
1 = WITHOUT EARS
2 = WITH PREBENT EARS, PER DETAIL L

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

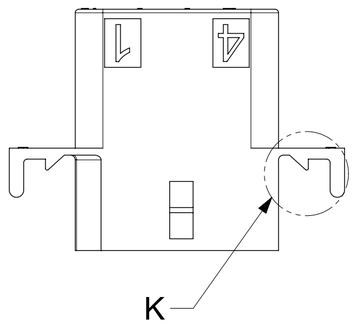


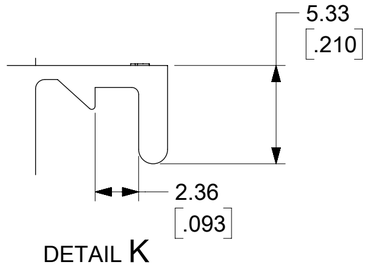
DETAIL L
SCALE 4:1
2.36/[.093] PREBENT MOUNTING EAR

HOUSING	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"
PLUG	28.73/[1.131]	9.52/[.375]	9.1/[.36]
RECEPTACLE	26.36/[1.038]	7.92/[.312]	9.4/[.37]

NOTES:

1. MATERIAL: NYLON 6/6 94V-2, COLOR: SEE LEGEND
2. FINISH: NOT APPLICABLE
3. PRODUCT SPECIFICATION: PS-43660-9999
4. PACKAGING SPECIFICATION: PK-1490-001
5. ETCHED CIRCUIT I.D. NUMBERS ON HOUSING SIDE MAY OR MAY NOT BE PRESENT.
6. PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
7. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOLING.
8. THIS DRAWING REPLACES SD-1490-*.





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

SYMBOLS	
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FD	= 0
S	= 0
	= 0
C	= 0
	= 0
	= 0
V	= 0

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DIMENSION UNITS	SCALE
MM/IN	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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1 PLACE	± 0.35	±
0 PLACES	±	±
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INITIAL REVISION:		
DRWN:	CSLAFTER	2017/01/17
APPR:	FSMITH	2017/01/29

molex

.093/(2.36) HOUSINGS PLUG AND RECEPTACLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
14900000-SD	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	1490	SEE CHART	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/03/16 16:02:49

FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18