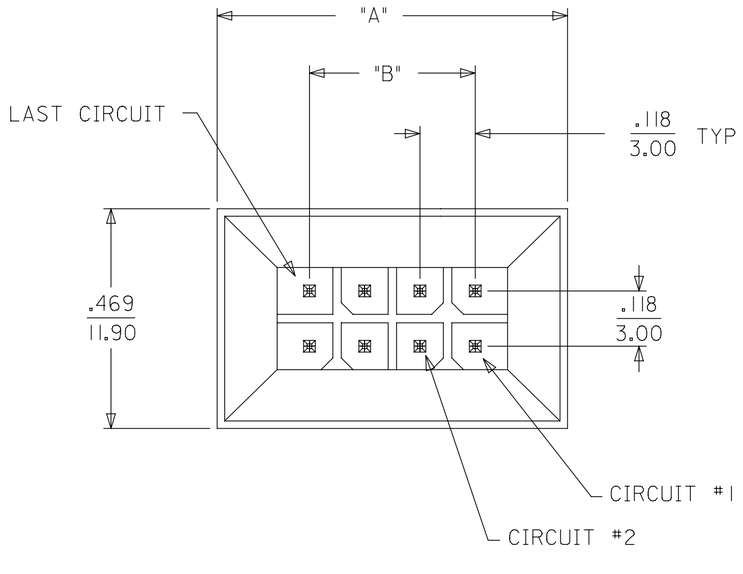
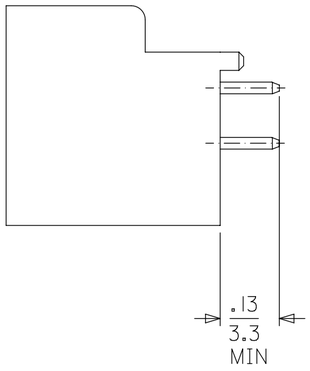
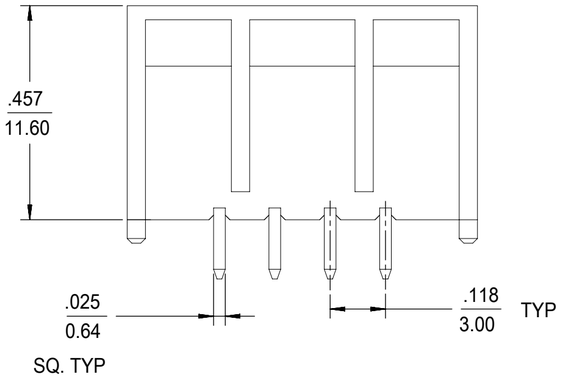
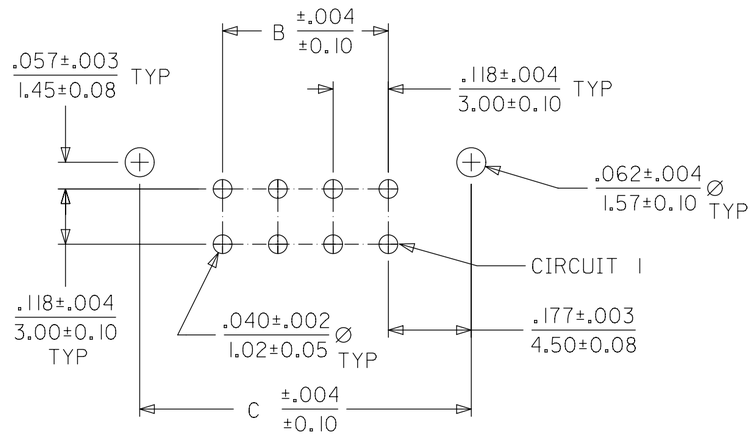






CIRCUIT SIZE	"A"	"B"	C
04	.512 / 13.00	.118 / 3.00	.472 / 12.00
06	.630 / 16.00	.236 / 6.00	.590 / 15.00
08	.748 / 19.00	.354 / 9.00	.709 / 18.00
10	.866 / 22.00	.472 / 12.00	.827 / 21.00
12	.984 / 25.00	.590 / 15.00	.945 / 24.00
14	1.102 / 28.00	.709 / 18.00	1.063 / 27.00
16	1.220 / 31.00	.827 / 21.00	1.181 / 30.00
18	1.338 / 34.00	.945 / 24.00	1.299 / 33.00
20	1.457 / 37.00	1.063 / 27.00	1.417 / 36.00
22	1.575 / 40.00	1.181 / 30.00	1.535 / 39.00
24	1.693 / 43.00	1.299 / 33.00	1.653 / 42.00

MATERIAL NUMBER	NUMBER OF POSITIONS	PLATING OPTION
44432-0410	04	D
44432-0411	04	B
44432-0412	04	C
44432-0610	06	D
44432-0611	06	B
44432-0612	06	C
44432-0810	08	D
44432-0811	08	B
44432-0812	08	C
44432-1010	10	D
44432-1011	10	B
44432-1012	10	C
44432-1210	12	D
44432-1211	12	B
44432-1212	12	C
44432-1410	14	D
44432-1411	14	B
44432-1412	14	C
44432-1610	16	D
44432-1611	16	B
44432-1612	16	C
44432-1810	18	D
44432-1811	18	B
44432-1812	18	C
44432-2010	20	D
44432-2011	20	B
44432-2012	20	C
44432-2210	22	D
44432-2211	22	B
44432-2212	22	C
44432-2410	24	D
44432-2411	24	B
44432-2412	24	C



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS : .100/(2.54) MAX.

NOTES:

1. MATERIALS-
   HOUSING: LCP, GLASS FILLED, UL94V-0, COLOR-BLACK (LOW HALOGEN)
   TERMINAL: BRASS ALLOY
2. FINISH:
   B = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA,
   .000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS,
   BOTH OVER .000050/(0.00127) MIN. NICKEL.
   C = .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA,
   .000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS,
   BOTH OVER .000050/(0.00127) MIN. NICKEL.
   D = .000100/(0.00254) MIN. MATTE TIN OVER
   .000050/(0.00127) MIN. NICKEL.
3. PRODUCT SPECIFICATION: PS-44300-001
4. PACKAGING SPECIFICATION: PK-44432-001
5. THIS ASSEMBLY MATES WITH MOLEX BMI PANEL MOUNT RECEPTACLE 44133 SERIES, VERTICAL PCB 44769 SERIES, AND RIGHT ANGLE PCB 44764 SERIES.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

DOCUMENT STATUS	P1	RELEASE DATE	2021/08/27 15:33:30

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SYMBOLS: = 0

DIMENSION UNITS: IN/MM
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.38	±
0 PLACES	±	±
ANGULAR TOL	± 1.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CHANGE 4, 6, 8, & 20 CKT TO MATTE TIN

EC NO: 635347
DRWN: BZAPPA 2020/03/13
CHK'D: SSOUSEK 2021/08/27
APPR: FSMITH 2021/08/27

INITIAL REVISION:
DRWN: MMSTROH 2012/04/20
APPR: FSMITH 2012/08/27

THIRD ANGLE PROJECTION
DRAWING: C-SIZE
SERIES: 44432

molex

MICROFIT(3.0) BMI VERTICAL STRAIGHT TAIL DUAL ROW HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-44432-005	PSD	001	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

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