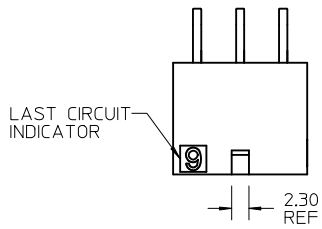
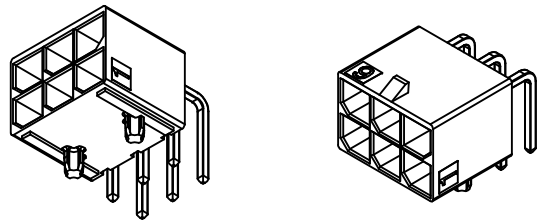
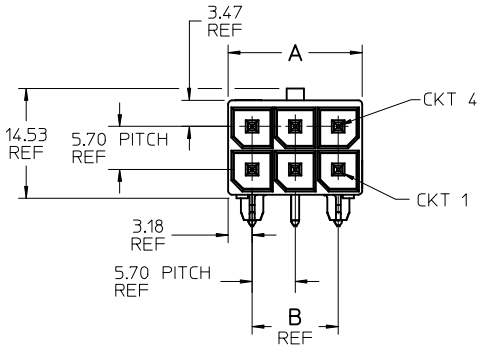
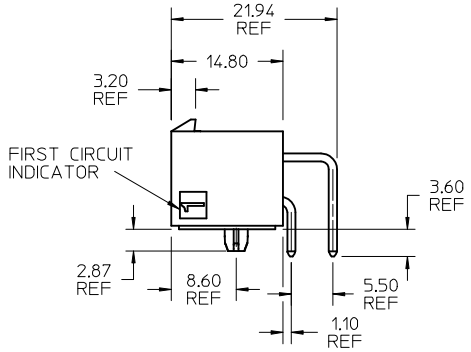
CKT SIZE		PART NO.	PLATING	DIM A	DIM B	DIM C
2	X	76825-0002	TIN	8.35	N/A	9.35
4	X	76825-0004	TIN	12.05	N/A	13.05
6	X	76825-0006	TIN	17.75	11.40	18.75
8	X	76825-0008	TIN	23.45	17.10	24.45
10	X	76825-0010	TIN	29.15	22.80	30.15
12	X	76825-0012	TIN	34.85	28.50	35.45
2		172064-0002	15 GOLD	8.35	N/A	9.35
4		172064-0004	15 GOLD	12.05	N/A	13.05
6		172064-0006	15 GOLD	17.75	11.40	18.75
8		172064-0008	15 GOLD	23.45	17.10	24.45
10		172064-0010	15 GOLD	29.15	22.80	30.15
12		172064-0012	15 GOLD	34.85	28.50	35.45
2		172064-1002	30 GOLD	8.35	N/A	9.35
4		172064-1004	30 GOLD	12.05	N/A	13.05
6		172064-1006	30 GOLD	17.75	11.40	18.75
8		172064-1008	30 GOLD	23.45	17.10	24.45
10		172064-1010	30 GOLD	29.15	22.80	30.15
12		172064-1012	30 GOLD	34.85	28.50	35.45

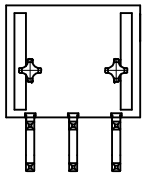


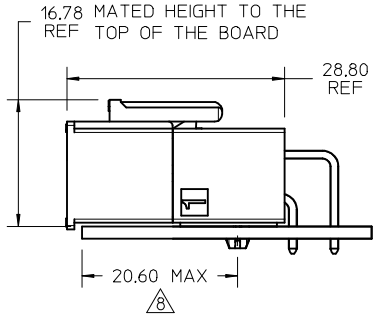


76825-0006 SHOWN









NOTES:
1. MATERIAL:
   HOUSING LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, COLOR: BLACK.
   TERMINAL: HIGH CONDUCTIVITY COPPER.
2. TERMINAL PLATING:
   (TIN) 1.52 MICROMETER MIN (60 MICROINCH MIN) REFLOWED MATTE TIN OVER 1.27 MICROMETER MIN (50 MICROINCH MIN) MIN NICKEL OVERALL.
   (15 GOLD) 0.38 MICROMETER MIN (15 MICROINCH MIN) SELECTIVE GOLD ON CONTACT AREA WITH 2.54 MICROMETER MIN (100 MICROINCHES MIN) SELECTIVE TIN ON SOLDER AREA BOTH OVER 1.27 MICROMETER MIN (50 MICROINCHES MIN) NICKEL OVERALL.
   (30 GOLD) 0.76 MICROMETER MIN (30 MICROINCH MIN) SELECTIVE GOLD ON CONTACT AREA WITH 2.54 MICROMETER MIN (100 MICROINCHES MIN) SELECTIVE TIN ON SOLDER AREA BOTH OVER 1.27 MICROMETER MIN (50 MICROINCHES MIN) NICKEL OVERALL.
3. PRODUCT SPECIFICATION PS-76823-100.
4. PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-76825-0000.
5. PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.
6. APPLICATION SPECIFICATION: AS-76823-100
7. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

8. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN 20.6 MAX FROM EDGE OF PCB AS SHOWN FOR 4 THROUGH 12 CIRCUITS. FOR 2 CIRCUIT PARTS THIS DIMENSION IS 15.1 MAX.

UPDATE NOTE 1
EC NO: UCP2015-4319 2015/04/17
DRWN: JDFOX 2015/04/17
CHKD: JBELL
APPR: FSMITH 2015/04/29
DESCRIPTION
D7
REV

QUALITY SYMBOLS
FV =0
FE =0
FP =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

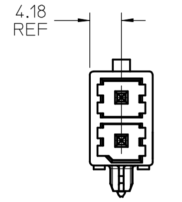
ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

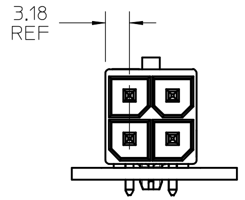
DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MKARADIMAS DATE: 2010/11/15
CHECKED BY: DATE:
APPROVED BY: APATEL DATE: 2012/06/13
MATERIAL NO.: SEE CHART

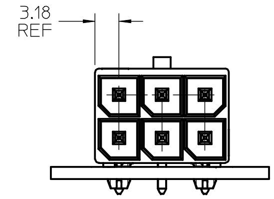
TITLE: MEGA-FIT R/A HEADER ASSY 2-12 CKT
molex
DOCUMENT NO.: SD-76825-0100
SHEET NO.: 1 OF 2
SIZE: C



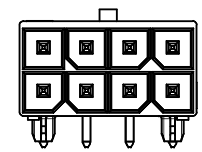
2 CIRCUIT



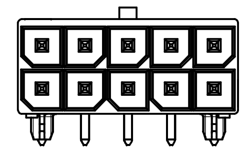
4 CIRCUIT



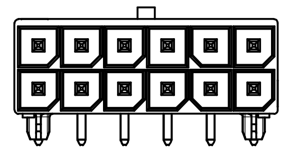
6-12 CIRCUIT



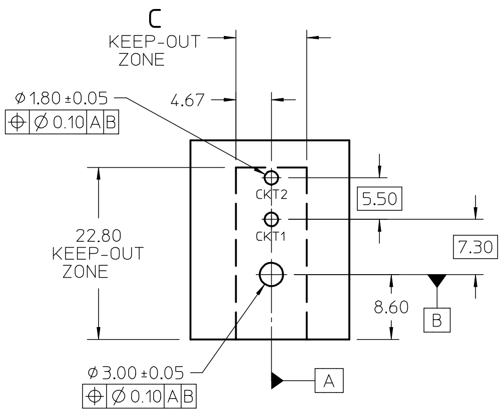
8 CIRCUIT



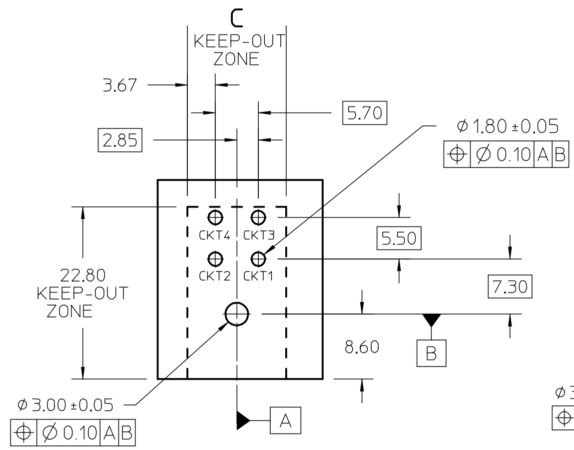
10 CIRCUIT



12 CIRCUIT



PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN
TO 2.36 MM/.093 IN



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RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN
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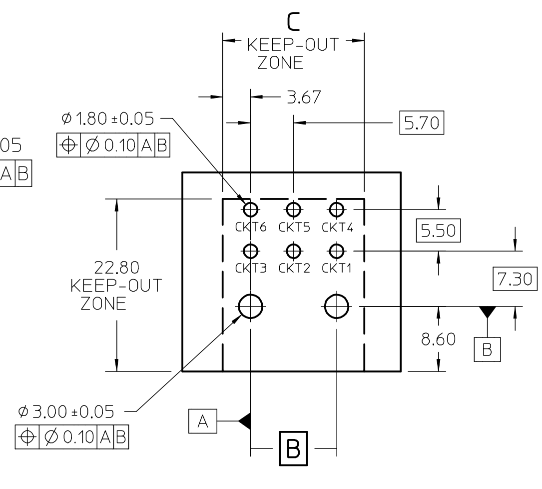

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SEE SHEET 1
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DRWN:JDFOX 2015/04/17
CH'KD:JBELL 2015/04/17
APPR:FSMITH 2015/04/29
DESCRIPTION
D7
REV

QUALITY SYMBOLS
=0
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GENERAL TOLERANCES
(UNLESS SPECIFIED)

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ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MKARADIMAS DATE: 2010/11/15
CHECKED BY: DATE:
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MATERIAL NO.: SEE CHART

TITLE
MEGA-FIT
R/A HEADER ASSY
2-12 CKT

molex

DOCUMENT NO.: SD-76825-0100
SHEET NO.: 2 OF 2
SIZE: C