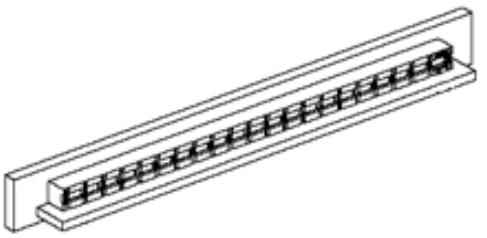
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0757300113
Status: Active
Overview: extreme_micropower
Description: 4.00mm (.157") EXTreme MicroPower™ Header, 13 Circuits, 3.06mm (.120") Tail Length



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-75730-999 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	75730
Application	Board-to-Board
Overview	extreme_micropower
Product Name	EXTreme MicroPower™

Physical

Breakaway	No
Circuits (Loaded)	13
Circuits (maximum)	13
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.120 In
PC Tail Length (mm)	3.06 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.066 In, 0.096 In
PCB Thickness Recommended (mm)	1.67 mm, 2.44 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.157 In
Pitch - Mating Interface (mm)	4.00 mm
Pitch - Term. Interface (in)	0.157 In
Pitch - Term. Interface (mm)	4.00 mm
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
75730Series

Electrical

Current - Maximum per Contact	16A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-75730-118
Product Specification	PS-75730-999
Sales Drawing	SD-75730-118

This document was generated on 05/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

PART NO.	CKT SIZE	DIM "A"	DIM "B"	DIM "C"	DIM "D" REF	DIM "E"
75730-0104	4	13.78/.543	12.00/.472			
75730-0105	5	17.78/.700	16.00/.630			
75730-0106	6	21.78/.857	20.00/.787			
75730-0107	7	25.78/1.015	24.00/.945			
75730-0108	8	29.78/1.172	28.00/1.102			
75730-0109	9	33.78/1.330	32.00/1.260			
75730-0110	10	37.78/1.487	36.00/1.417			
75730-0111	11	41.78/1.645	40.00/1.575			
75730-0112	12	45.78/1.802	44.00/1.732			
75730-0113	13	49.78/1.960	48.00/1.890			
75730-0114	14	53.78/2.117	52.00/2.047			
75730-0115	15	57.78/2.275	56.00/2.205	3.06/.120	7.06/.278	1.60/.062 TO 2.44/.096
75730-0116	16	61.78/2.433	60.00/2.362			
75730-0117	17	65.78/2.590	64.00/2.520			
75730-0118	18	69.78/2.747	68.00/2.677			
75730-0119	19	73.78/2.905	72.00/2.835			
75730-0120	20	77.78/3.062	76.00/2.992			
75730-0121	21	81.78/3.220	80.00/3.150			
75730-0122	22	85.78/3.377	84.00/3.307			
75730-0123	23	89.78/3.535	88.00/3.465			
75730-0124	24	93.78/3.692	92.00/3.622			
75730-0147	47	93.78/3.692	92.00/3.622			
75730-0150	MIXED CL	83.78/3.298	82.00/3.228			
75730-0204	4	13.78/.543	12.00/.472			
75730-0205	5	17.78/.700	16.00/.630			
75730-0206	6	21.78/.857	20.00/.787			
75730-0207	7	25.78/1.015	24.00/.945			
75730-0208	8	29.78/1.172	28.00/1.102			
75730-0209	9	33.78/1.330	32.00/1.260			
75730-0210	10	37.78/1.487	36.00/1.417			
75730-0211	11	41.78/1.645	40.00/1.575			
75730-0212	12	45.78/1.802	44.00/1.732			
75730-0213	13	49.78/1.960	48.00/1.890			
75730-0214	14	53.78/2.117	52.00/2.047			
75730-0215	15	57.78/2.275	56.00/2.205	3.81/.150	7.82/.308	3.18/.125
75730-0216	16	61.78/2.433	60.00/2.362			
75730-0217	17	65.78/2.590	64.00/2.520			
75730-0218	18	69.78/2.747	68.00/2.677			
75730-0219	19	73.78/2.905	72.00/2.835			
75730-0220	20	77.78/3.062	76.00/2.992			
75730-0221	21	81.78/3.220	80.00/3.150			
75730-0222	22	85.78/3.377	84.00/3.307			
75730-0223	23	89.78/3.535	88.00/3.465			
75730-0224	24	93.78/3.692	92.00/3.622			
75730-0247	47	93.78/3.692	92.00/3.622			
75730-0250	MIXED CL	83.78/3.298	82.00/3.228			

NOTES:

1. MATERIALS:
   - HOUSING: LCP, 30% GLASS FILLED, 94V-0, COLOR: BLACK
   - TERMINAL: COPPER ALLOY

   PLATING:
   - 2.50 µm/100 µin MIN TIN OVER
   - 1.25 µm/50 µin MIN NICKEL OVERALL
2. PRODUCT SPEC: PS-75730
3. MODULE IS DESIGNED FOR SOLDERING TO THE PCB
4. MODULE IS RoHS COMPLIANT
5. BOW, FLATNESS AND CAMBER SPECIFICATIONS ARE 0.25/.010 PER INCH
6. PARTS TO BE PACKAGED PER MOLEX PACKAGING SPEC PK-75730-118
7. VIAS/PTH'S FOR P/N'S 75730-0147 & 75730-0247 ARE ON 2MM PITCH
8. P/N'S 75730-0147 & 75730-0247 ARE NOT TOOLED

ADD DIM TO SHT 2
EC NO: UCP2009-3083
DRWN:MBANDURA 2009/06/22
CHKD:BANDURA 2009/06/22
APPR:APATEL 2009/06/23
DESCRIPTION
REV

A8

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ADRATNOL DATE: 2005/05/03
CHECKED BY: APATEL DATE: 2005/05/03
APPROVED BY: APATEL DATE: 2005/05/03
MATERIAL NO.: SEE CHART

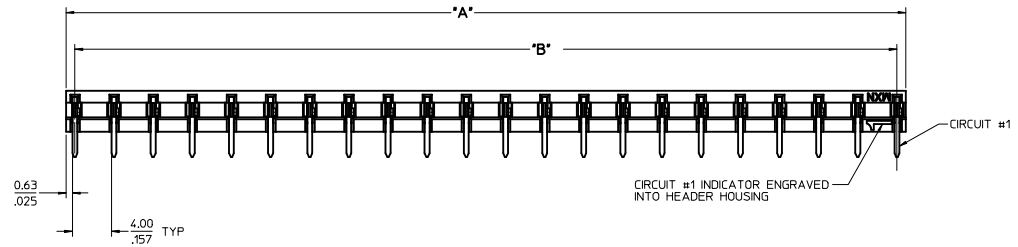
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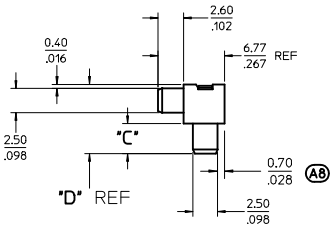
MOLEX INCORPORATED

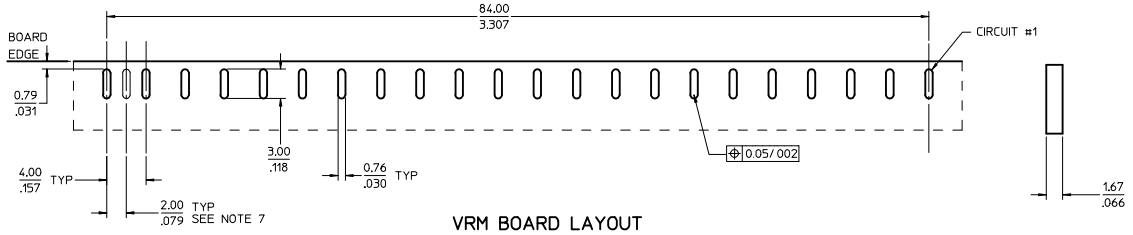
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SHEET NO.: 1 OF 3

SIZE: D

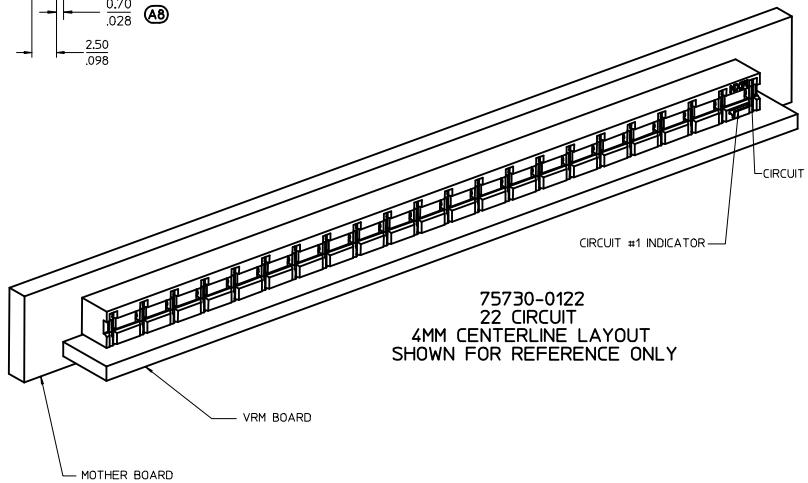
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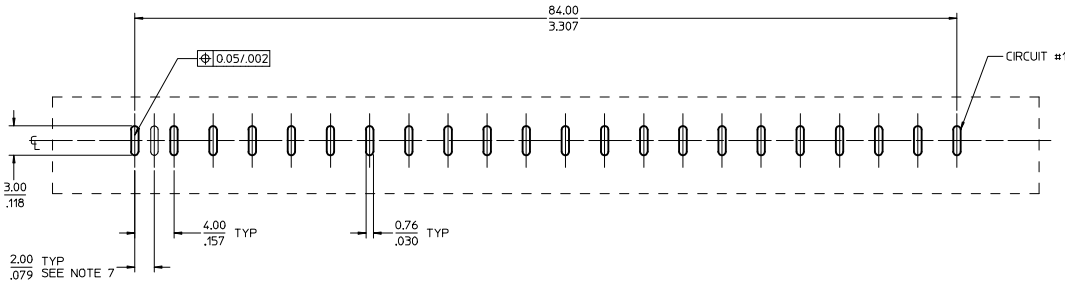




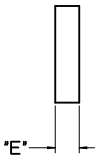
VRM BOARD LAYOUT



75730-0122
22 CIRCUIT
4MM CENTERLINE LAYOUT
SHOWN FOR REFERENCE ONLY



MOTHER BOARD LAYOUT



SEE SHEET 1
EC NO: UCP2009-3083
DRWN:MBANDURA 2009/06/22
CH'KD:BANDURA 2009/06/22
APPR:APATEL 2009/06/23
DESCRIPTION
REV
A8

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

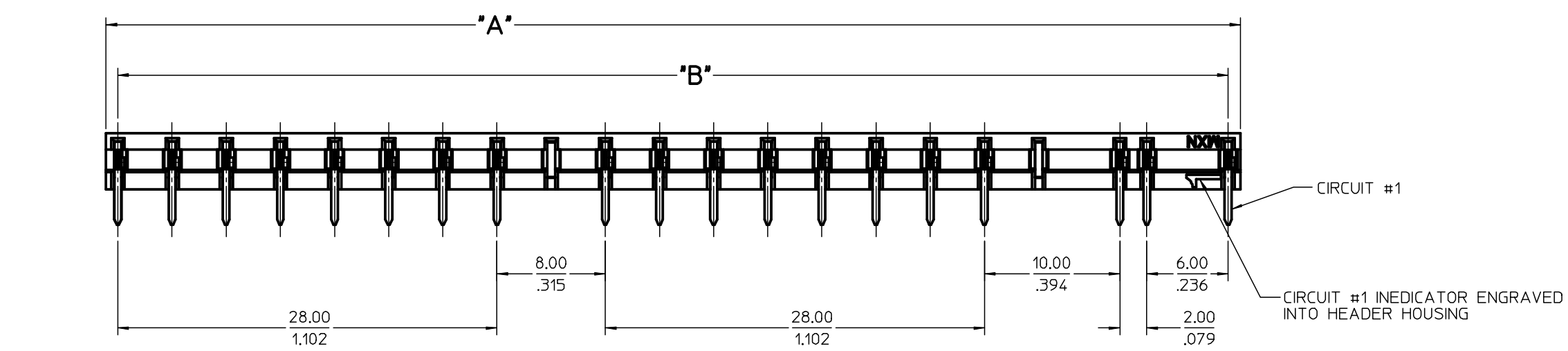
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

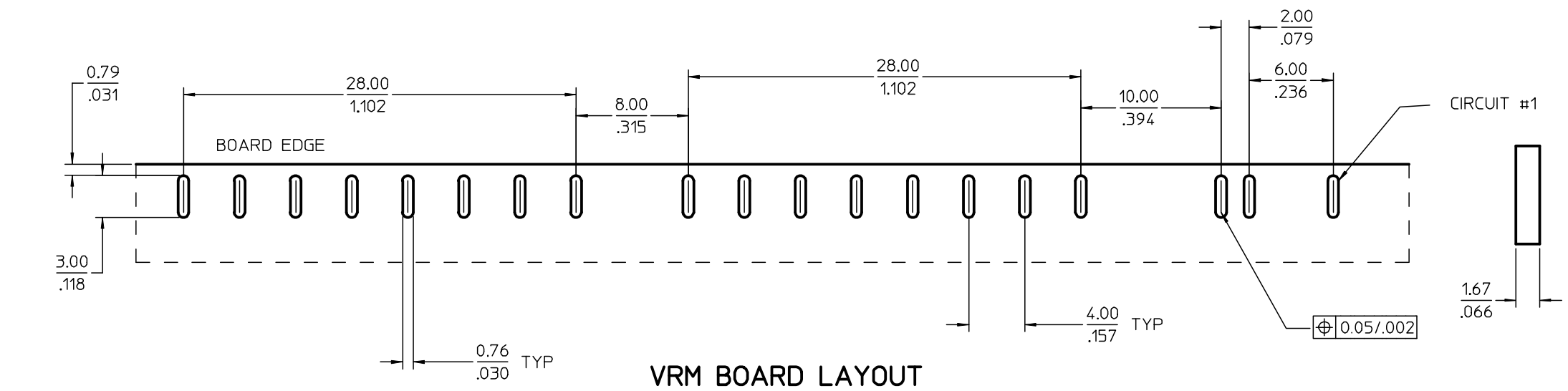
DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ADRATNOL DATE: 2005/05/03
CHECKED BY: APATEL DATE: 2005/05/03
APPROVED BY: APATEL DATE: 2005/05/03
MATERIAL NO.: SEE CHART
SIZE: D

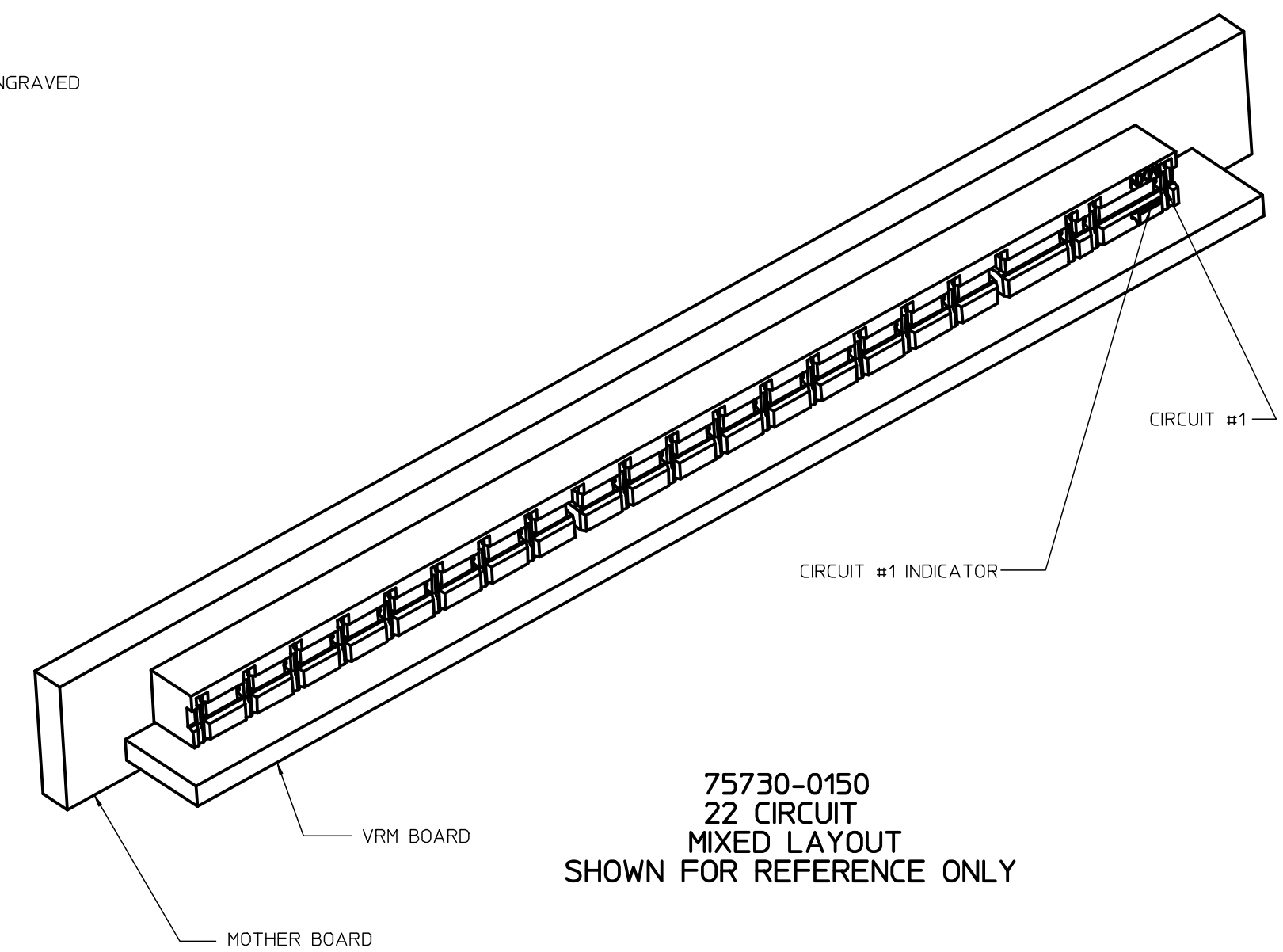
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MOLEX INCORPORATED
DOCUMENT NO.: SD-75730-118
SHEET NO.: 2 OF 3

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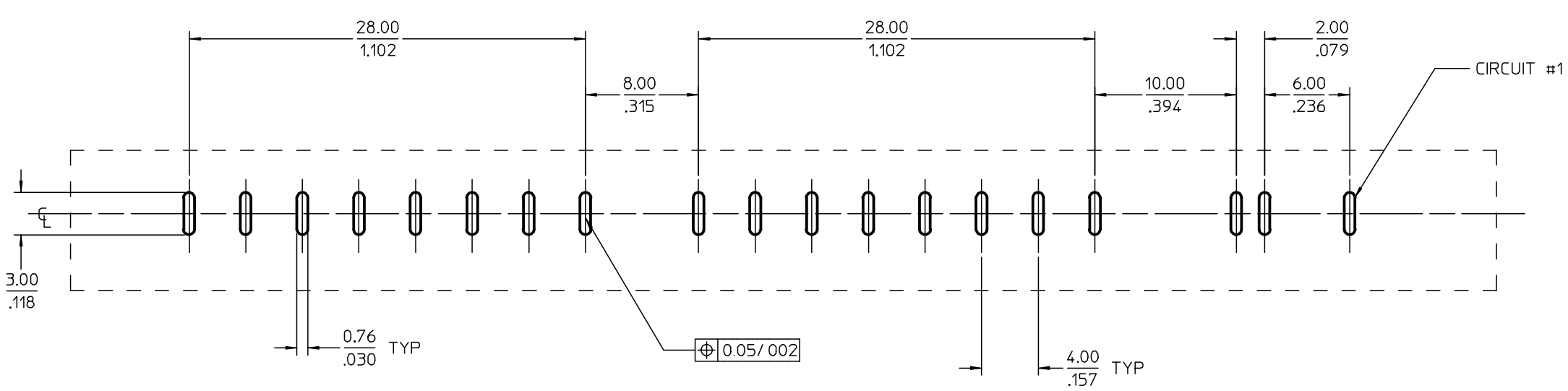


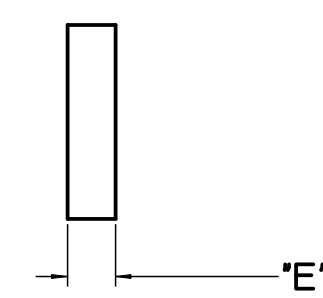


VRM BOARD LAYOUT



75730-0150
22 CIRCUIT
MIXED LAYOUT
SHOWN FOR REFERENCE ONLY





MOTHER BOARD LAYOUT

SEE SHEET 1
EC NO: UCP2009-3083
DRWN:MBANDURA 2009/06/22
CH'KD:BANDURA 2009/06/22
APPR:APATEL 2009/06/23
DESCRIPTION
A8 REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	ADRATNOL	2005/05/03
CHECKED BY	APATEL	2005/05/03
APPROVED BY	APATEL	2005/05/03

TITLE: ASSEMBLY VRM HEADER FOR BOARD TO BOARD

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-75730-118
SHEET NO.: 3 OF 3
SIZE: D

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