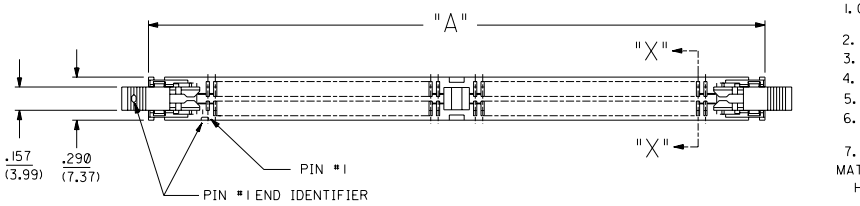
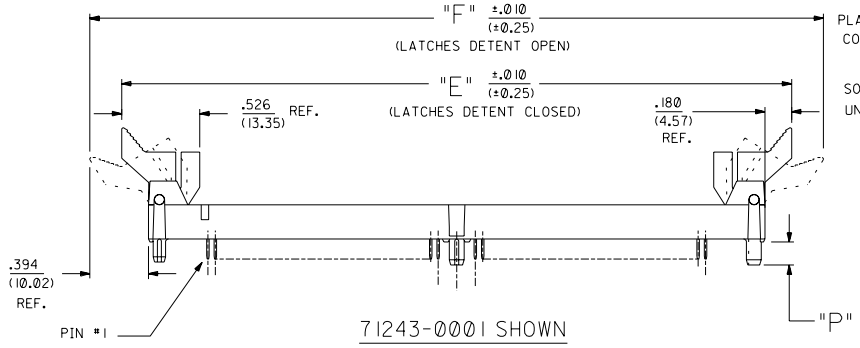




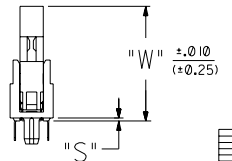
71243-0001 SHOWN

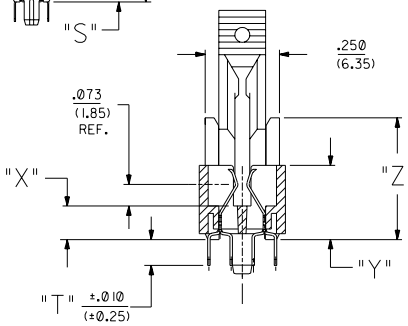
NOTES:
1. CARD SLOT ACCEPTS .050±.004 (1.27±0.10) MODULE THICKNESS. (MEASURED OVER P.C. PADS).
2. ALL PEGS ARE INTERFERENCE FITS TO PCB UNLESS NOTED ON THE DWG.
3. REFER TO PRODUCT SPEC PS-71243-9999 FOR PERFORMANCE SPECIFICATIONS.
4. PRODUCT IS PACKAGED IN TRAYS.
5. RECOMMENDED MODULE LAYOUT SHALL BE PER JEDEC MO-167.
6. RECOMMENDED PLATING ON MODULE PADS: 30 MICROINCH/(0.76 MICROMETER) MINIMUM HARD GOLD (Au) OVER 79 MICROINCH/(2.0 MICROMETER) MINIMUM NICKEL (Ni).
7. PRODUCT WILL HAVE DATE CODE STAMPED ON SIDE OF HOUSING.

MATERIALS:
HOUSING - GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, COLOR: BLACK.
TERMINAL- PHOSPHOR BRONZE
LATCHES - GLASS FILLED HIGH TEMPERATURE NYLON, UL 94V-0. LATCH AT PIN #1 END IS IVORY COLOR. LATCH AT OPPOSITE END IS BLACK COLOR.

PLATING:
CONTACT AREA: GOLD (Au) FLASH: THICKNESS=2-10 MICROINCH/(0.05-0.25 MICROMETER), OVER PALLADIUM-NICKEL (Pd-Ni): THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.
SOLDER TAILS: TIN (Sn): THICKNESS=150 MICROINCH/(3.81 MICROMETER) MINIMUM.
UNDERPLATE: NICKEL (Ni) OVER ENTIRE CONTACT.

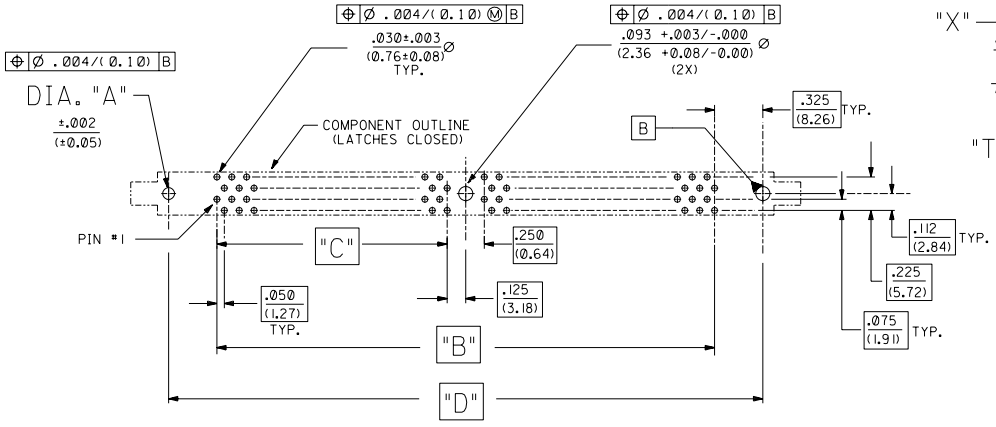
NOTE FOR LEAD FREE CONVERSION:
THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.





SECTION "X-X"

SCALE 4:1



RECOMMENDED
P.C. BOARD HOLE PATTERN
(CONNECTOR SIDE)

MFG. SH.	REV.	LTR.	REVISIONS
	G1	G1	ADD LEAD FREE NOTE ECN*UDT2004-1732 DMORGAN 04/03/08
	G	G	OBSOLETE 136 CKT ECN*UDT2000-0847 DMORGAN 00/03/23
	F	F	CHG Sn-Pb THICKNESS ECN*UDT1999-0454 DMORGAN 99/08/09
	E	E	REVISED PER ECR* U61133 96-10-1 LAURX
	D	D	REVISED PER ECR* U60883 3-18-96 JCL
	C	C	REVISED PER ECR* U60836 1-19-96 JCL
	B	B	REVISED PER ECR* U51288 8-4-95 JCL
	A	A	RMVD X, REVISED PER ECR* U50617 12-27-94 JCL
	2	2	REVISED PER ECR* U50419 11-7-94 JCL
2	G	1	RELEASED PER ECR* U40711 DCB 10/94
1	G1		

REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .005	---
2 PLACE	± .01	± 0.13
1 PLACE	---	± 0.25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JCL | CHK'D. BY DCB | APP'D. BY | SCALE 2:1

TITLE: .050/(1.27) PITCH SINGLE LOW KEY DIMM SALES DRAWING

MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 1 OF 2 | DATE 10/10/94

PART NO. SEE CHART | DRWG. NO. SDA-71243-0***

FILE NAME ST124301 DGN

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DIV. CP | SIZE C

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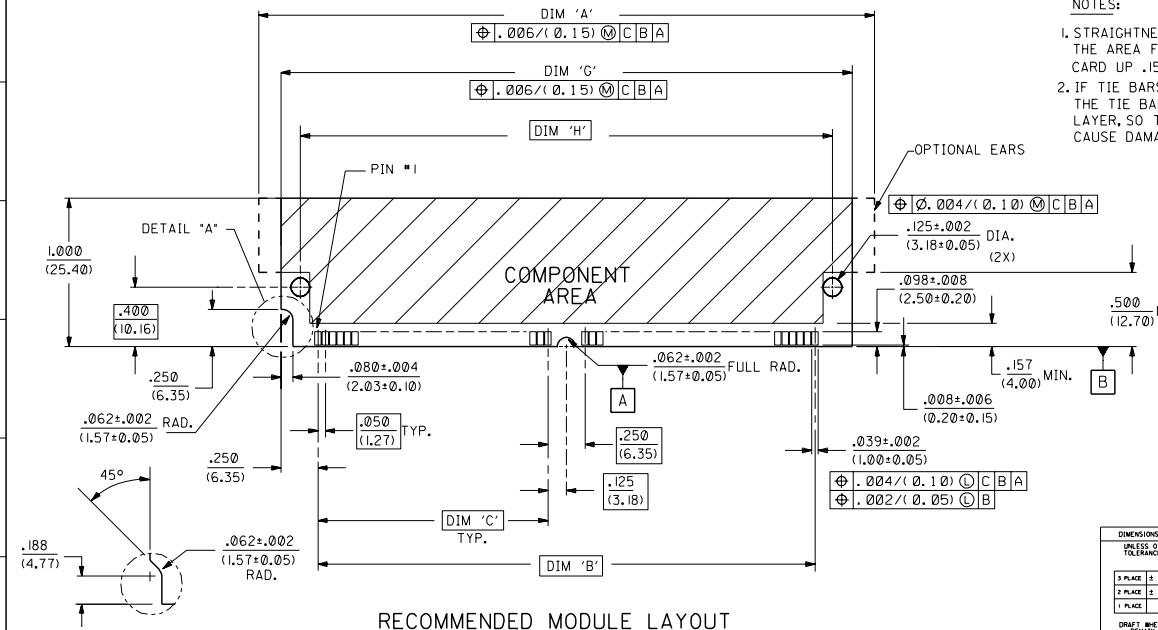
71243

X= N.T.	ITEM NUMBER 71243	CIRCUIT SIZE	DIA. 'A'	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'	DIM 'H'	DIM 'P'	DIM 'S'	DIM 'T'	DIM 'W'	DIM 'X'	DIM 'Y'	DIM 'Z'
	-0001	128	.062 (1.57)	4.150 (105.41)	3.350 (85.09)	1.550 (39.37)	4.000 (101.60)	4.510 (114.56)	4.938 (125.42)	3.850 (97.79)	3.584 (91.03)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.772 (19.61)	.113 (2.87)	.250 (6.35)	.410 (10.41)
	-0002	144	.062 (1.57)	4.550 (115.57)	3.750 (95.25)	1.750 (44.45)	4.400 (111.76)	4.910 (124.71)	5.338 (135.58)	4.250 (107.95)	3.984 (101.19)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.772 (19.61)	.113 (2.87)	.250 (6.35)	.410 (10.41)
	-0003	200	.062 (1.57)	5.950 (151.13)	5.150 (130.81)	2.450 (62.63)	5.800 (147.32)	6.310 (160.28)	6.738 (171.14)	5.650 (143.51)	5.384 (136.75)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.772 (19.61)	.113 (2.87)	.250 (6.35)	.410 (10.41)
	-0004	SEE DRAWING NUMBER SDA-71243-0004																
	-0005	200	.080 (2.03)	5.950 (151.13)	5.150 (130.81)	2.450 (62.63)	5.800 (147.32)	6.310 (160.28)	6.738 (171.14)	5.650 (143.51)	5.384 (136.75)	.140 (3.55)	.035 (0.89)	.112 (2.84)	.787 (19.99)	.128 (3.25)	.265 (6.73)	.425 (10.79)
X	-0006	104	.062 (1.57)	3.550 (90.17)	2.750 (69.85)	1.250 (31.75)	3.400 (86.36)	3.910 (99.31)	4.338 (110.19)	3.250 (82.55)	2.984 (75.79)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.772 (19.61)	.113 (2.87)	.250 (6.35)	.410 (10.41)
	-0008	160	.062 (1.57)	4.950 (125.73)	4.150 (105.41)	1.950 (49.53)	4.800 (121.92)	5.310 (134.88)	5.738 (145.74)	4.650 (118.11)	4.384 (111.35)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.772 (19.61)	.113 (2.87)	.250 (6.35)	.410 (10.41)
	-0009	SEE DRAWING NUMBER SDA-71243-0009																



RECOMMENDED MODULE LAYOUT

PREFERRED DETAIL "A"

NOTES:

1. STRAIGHTNESS OF MODULE APPLIES TO THE AREA FROM THE BOTTOM OF THE CARD UP .157/(4.00).
2. IF TIE BARS ARE ATTACHED TO PADS, THE TIE BAR SHOULD BE ON AN INTERNAL LAYER, SO THAT THE REMNANT CANNOT CAUSE DAMAGE TO THE CONTACTS.

G	SEE SHEET 1
E	SEE SHEET 1
D	SEE SHEET 1
C	SEE SHEET 1
B	SEE SHEET 1
A	SEE SHEET 1
2	SEE SHEET 1
1	SEE SHEET 1

MFG.	SH.	REV.	LTR.	REVISIONS
				REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .005	---
2 PLACE	± .01	± 0.13
1 PLACE	---	± 0.25

DRAFT: WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY	JCL	CHK'D. BY	DCB
APP'D. BY		SCALE	2 1

TITLE: .050/(1.27) PITCH SINGLE LOW KEY DIMM SALES DRAWING

MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 2 | DATE 10/10/94

PART NO. SEE CHART | DRWG. NO. SDA-71243-0•••

FILE NAME 5712430Z DGN

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