

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-161.
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. SEE CHART FOR HOLE SIZE AND PRESENCE AND PLATING OPTION.
8. PRODUCT WILL HAVE DATE CODE STAMPED ON SIDE OF HOUSING.

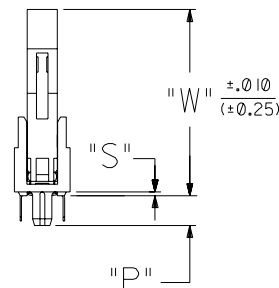
MATERIALS:

HOUSING - GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, COLOR: BLACK.
 TERMINAL- PHOSPHOR BRONZE
 LATCHES - GLASS FILLED HIGH TEMPERATURE NYLON, UL 94V-0, COLOR: IVORY.

PLATING:

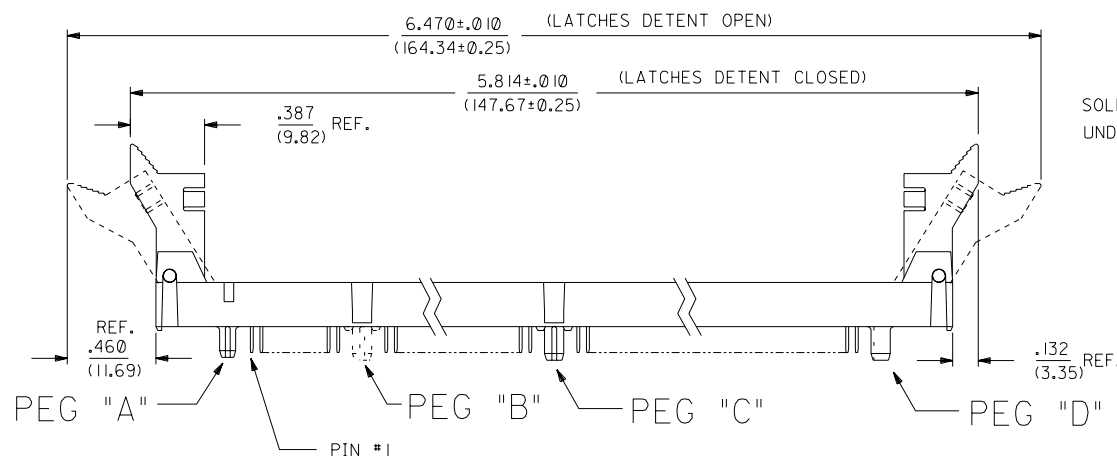
CONTACT AREA: OPTION A: GOLD (Au) FLASH: THICKNESS=2-10 MICROINCH/(0.05-0.25
(0.05-0.25 MICROMETER), OVER PALLADIUM-NICKEL (Pd-Ni):
THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.
OPTION B: GOLD (Au) FLASH: THICKNESS=2-10 MICROINCH/(0.05-0.25
MICROMETER), OVER PALLADIUM-NICKEL (Pd-Ni):
THICKNESS=20 MICROINCH/(0.51 MICROMETER) MINIMUM.

SOLDER TAILS: TIN (Sn): THICKNESS=150 MICROINCH/(3.81 MICROMETER) MINIMUM.
UNDERPLATE: NICKEL (Ni) OVER ENTIRE CONTACT.

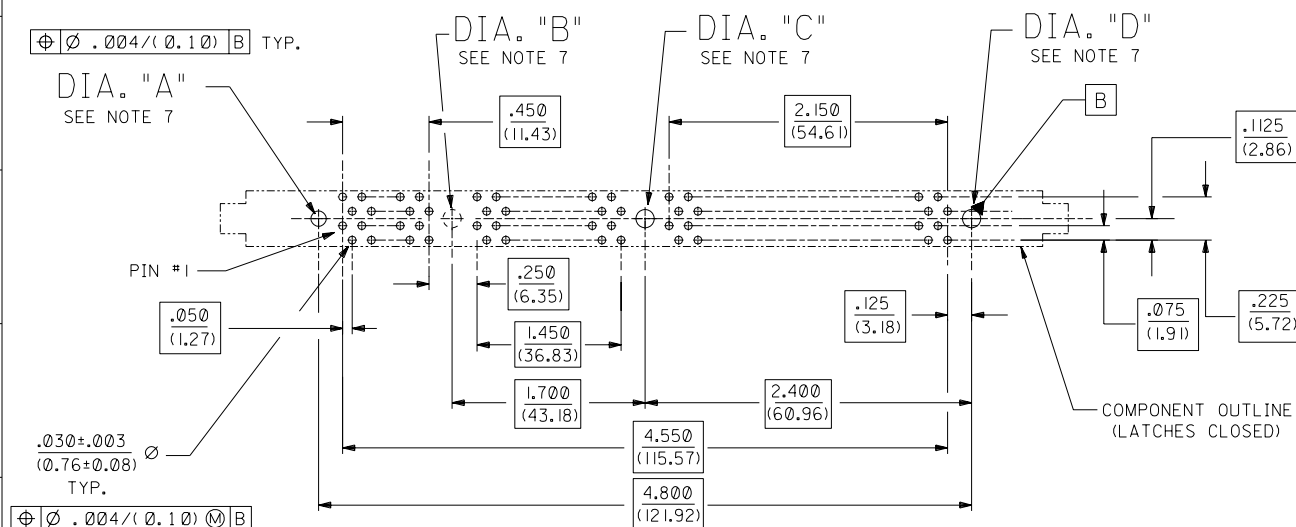


NOTE FOR LEAD FREE CONVERSION:

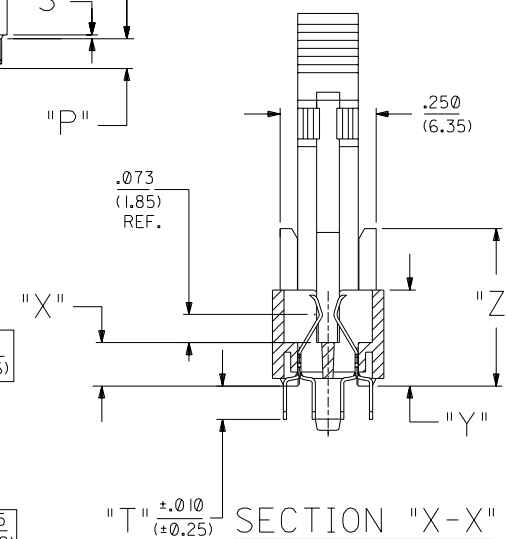
THE PRIMARY SHIPPING CARTON WILL BE
 LABELED "COMPLIANT TO RoHS DIRECTIVE
 2002/95/EC AND ELV ANNEX II OF
 DIRECTIVE 2000/53/EC". CARTONS
 WITHOUT THIS LABEL MAY CONTAIN
 PRODUCT WITH LEAD.



71251-0004 SHOWN



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



SCALE 4:1

			DI	ECR# U60361 9-18-95 JCL
	3	H		
	2	F3		REVISED PER ECR# U51288 8-4-95 JCL
	I	HI	D	
MFG.	SH.	REV.	LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR = 1/2°	
INCH	METRIC
3 PLACE ± .005 ---	
2 PLACE ± --- ± .013	
1 PLACE --- ± .025	

DRAFT WHEN APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

DRAWG. BY: DCB	CHKD.: DCB	DATE: 10/10/94
APPD.: DCB	SCALE: 2CB	

REVISE ONLY ON CAD SYSTEM

TITLE

.050/(1.27) PITCH MULTI-KEY
168 CKT DIMM RAM ASSY
17.8mm LATCH SALES DWG
MOLEX INCORPORATED

SHEET NO. 1 OF 3	U.S.A.	DATE 10/10/94
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PART NO. DWG. NO.

SEE CHART SDA-71251-0***

FILE NAME 571251-01	SIZE 1	DRAWN BY DCB
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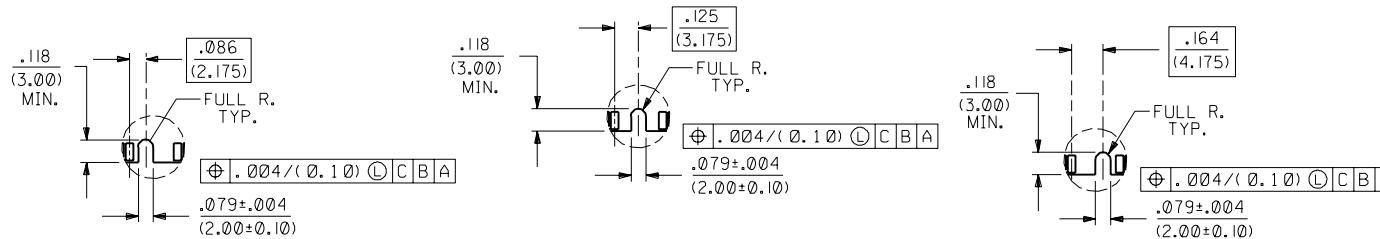
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO
MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

COP.	SIZE	
11	A	

13		12		11		10		9		8		7		6		71251		4		3		2		1	
PART NUMBER	COLOR	DESCRIPTION	FUNCTION KEY	VOLTAGE KEY	DIA. "A"	DIA. "B"	DIA. "C"	DIA. "D"	DIM. "H"	DIM. "P"	DIM. "S"	DIM. "T"	DIM. "W"	DIM. "X"	DIM. "Y"	DIM. "Z"	CONTACT AREA PLATING								
71251-0001	BLACK	3.3 VOLT STD DRAM	CENTER	CENTER	.080±.002 (2.03±0.05)	NONE	.093 +.003/-0.000 (2.36+0.08/-0.00)	.093 +.003/-0.000 (2.36+0.08/-0.00)	1.700 (43.18)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	OPTION A								
71251-0004	BLACK	5.0 VOLT STD DRAM	CENTER	OFFSET LEFT	.080±.002 (2.03±0.05)	NONE	.093 +.003/-0.000 (2.36+0.08/-0.00)	.093 +.003/-0.000 (2.36+0.08/-0.00)	1.700 (43.18)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	OPTION A								
71251-0012	BLACK	3.3 VOLT UNBUFFERED	OFFSET RIGHT	CENTER	.080±.002 (2.03±0.05)	NONE	.093 +.003/-0.000 (2.36+0.08/-0.00)	.093 +.003/-0.000 (2.36+0.08/-0.00)	1.661 (42.19)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	OPTION A								
71251-0013	BLACK	5.0 VOLT UNBUFFERED	OFFSET RIGHT	OFFSET LEFT	.080±.002 (2.03±0.05)	NONE	.093 +.003/-0.000 (2.36+0.08/-0.00)	.093 +.003/-0.000 (2.36+0.08/-0.00)	1.661 (42.19)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	OPTION A								
71251-0016	BLACK	3.3 VOLT SYNCHRONOUS	OFFSET LEFT	CENTER	.080±.002 (2.03±0.05)	NONE	.093 +.003/-0.000 (2.36+0.08/-0.00)	.093 +.003/-0.000 (2.36+0.08/-0.00)	1.739 (44.17)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	OPTION A								
71251-0017	BLACK	5.0 VOLT SYNCHRONOUS	OFFSET LEFT	OFFSET LEFT	.080±.002 (2.03±0.05)	NONE	.093 +.003/-0.000 (2.36+0.08/-0.00)	.093 +.003/-0.000 (2.36+0.08/-0.00)	1.739 (44.17)	.155 (3.94)	.020 (0.51)	.127 (3.23)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	OPTION A								

NOTES:

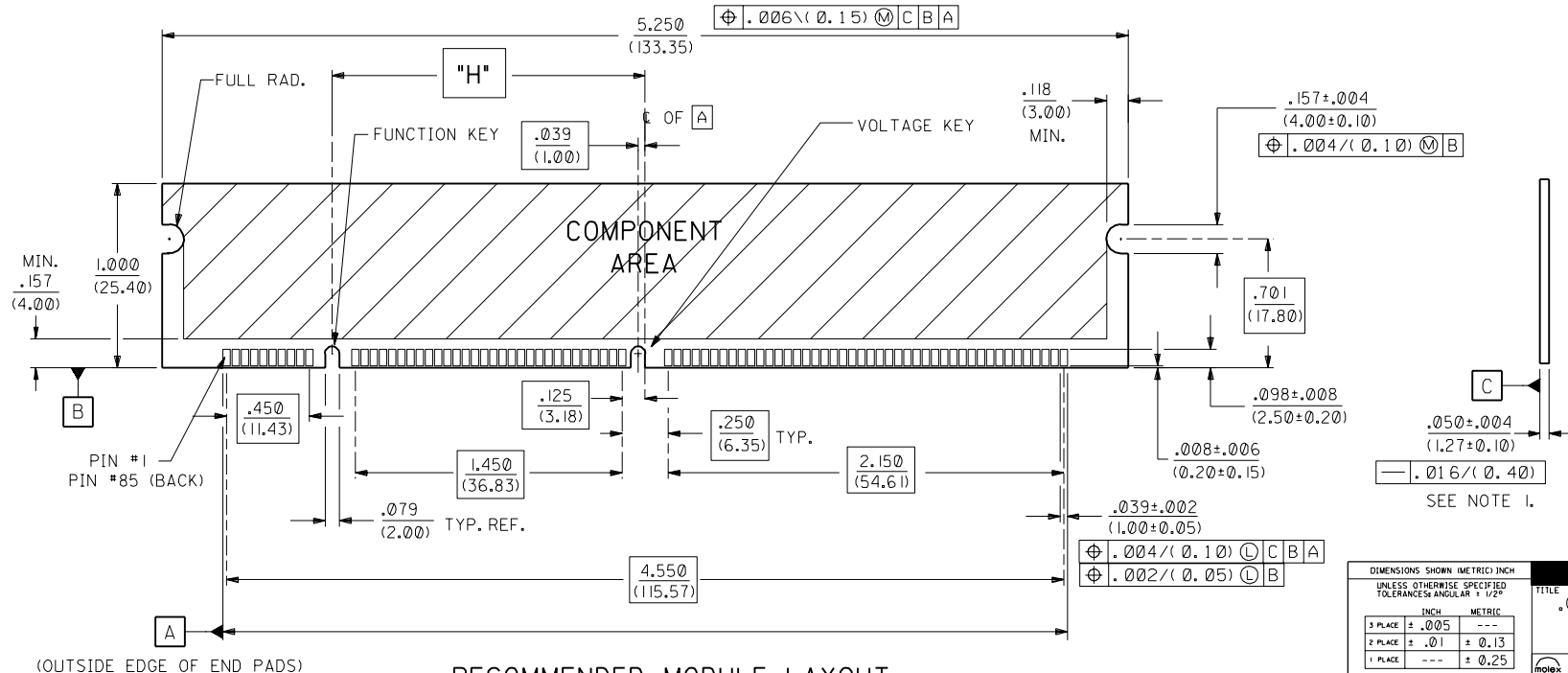
1. STRAIGHTNESS OF MODULE APPLIES TO THE AREA FROM THE BOTTOM OF THE CARD UP .157/(4.00).
2. IF TIE BARS ARE ATTACHED TO PADS, THE TIE BAR SHOULD BE ON AN INTERNAL LAYER, SO THAT THE REMNANT CANNOT CAUSE DAMAGE TO THE CONTACTS.



OFFSET LEFT KEY

CENTERED KEY

OFFSET RIGHT KEY



RECOMMENDED MODULE LAYOUT
168 CKT 5.0V DRAM SHOWN

F3	SEE SHEET I
F2	SEE SHEET I
F1	SEE SHEET I
F	SEE SHEET I
E1	SEE SHEET I
E	SEE SHEET I
D2	SEE SHEET I
D1	SEE SHEET I
D	SEE SHEET I
C	SEE SHEET I
B1	SEE SHEET I
B	SEE SHEET I
A	SEE SHEET I

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°		REVISE ONLY ON CAD SYSTEM	
5 PLACE ± .005	INCH	TITLE .050/(1.27) PITCH MULTI-KEY 168 CKT DIMM RAM ASSY 17.8mm LATCH SALES DWG.	
2 PLACE ± .01	METRIC	MOLEX INCORPORATED SHEET NO. 2 DATE 10/10/94	
1 PLACE --- ± 0.25		PART NO. 1715LEJLL 60532 DRWG. NO. SDA-71251-0...	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	
DRW'G. BY DCB	CHK'D. BY DCB	FILE NAME ST 25102	
APP'D. BY DCB	SCALE 2: 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

I3		I2		I1		I0		9		8		7		6		71251		4		3		2		1			
PART NUMBER	COLOR	DESCRIPTION	FUNCTION KEY	VOLTAGE KEY	DIA. "A"		DIA. "B"		DIA. "C"		DIA. "D"		DIM. "H"	DIM. "P"	DIM. "S"	DIM. "T"	DIM. "W"	DIM. "X"	DIM. "Y"	DIM. "Z"	CONTACT AREA PLATING						
71251-0001	BLACK	3.3 VOLT STD DRAM	SEE SHEET 2																		OPTION A						
71251-0002	BLACK	3.3 VOLT STD DRAM	CENTER	CENTER	NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		NONE		$\frac{1.700}{(43.18)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
71251-0003	BLACK	5.0 VOLT STD DRAM	CENTER	OFFSET LEFT	NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		NONE		$\frac{1.700}{(43.18)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
71251-0004	BLACK	5.0 VOLT STD DRAM	SEE SHEET 2																		OPTION A						
71251-0005	BLACK	5.0 VOLT UNBUFFERED	OFFSET RIGHT	OFFSET LEFT	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		NONE		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.661}{(42.19)}$	$\frac{.125}{(3.18)}$	$\frac{.035}{(0.89)}$	$\frac{.102}{(2.59)}$	$\frac{.985}{(25.02)}$	$\frac{.128}{(3.25)}$	$\frac{.265}{(6.73)}$	$\frac{.425}{(10.79)}$	OPTION A						
71251-0006	BLACK	5.0 VOLT STD DRAM	CENTER	OFFSET LEFT	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.700}{(43.18)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
71251-0007	BLACK	3.3 VOLT STD DRAM	CENTER	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.700}{(43.18)}$	$\frac{.140}{(3.56)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
71251-0008	BLACK	5.0 VOLT STD DRAM	CENTER	OFFSET LEFT	NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{1.700}{(43.18)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
71251-0009	BLACK	5.0 VOLT STD DRAM	CENTER	OFFSET LEFT	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		NONE		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.700}{(43.18)}$	$\frac{.125}{(3.18)}$	$\frac{.035}{(0.89)}$	$\frac{.102}{(2.59)}$	$\frac{.985}{(25.02)}$	$\frac{.128}{(3.25)}$	$\frac{.265}{(6.73)}$	$\frac{.425}{(10.79)}$	OPTION A						
71251-0010	BEIGE	3.3 VOLT STD DRAM	CENTER	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		NONE		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.700}{(43.18)}$	$\frac{.125}{(3.18)}$	$\frac{.035}{(0.89)}$	$\frac{.112}{(2.84)}$	$\frac{.985}{(25.02)}$	$\frac{.128}{(3.25)}$	$\frac{.265}{(6.73)}$	$\frac{.425}{(10.79)}$	OPTION A						
71251-0011	BLACK	3.3 VOLT STD DRAM	CENTER	CENTER	$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{1.700}{(43.18)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
71251-0012	BLACK	3.3 VOLT UNBUFFERED	SEE SHEET 2																		OPTION A						
71251-0013	BLACK	5.0 VOLT UNBUFFERED	SEE SHEET 2																		OPTION A						
71251-0014	BLACK	3.3 VOLT UNBUFFERED	OFFSET RIGHT	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		NONE		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.661}{(42.19)}$	$\frac{.125}{(3.18)}$	$\frac{.035}{(0.89)}$	$\frac{.112}{(2.84)}$	$\frac{.985}{(25.02)}$	$\frac{.128}{(3.25)}$	$\frac{.265}{(6.73)}$	$\frac{.425}{(10.79)}$	OPTION A						
71251-0015	BLACK	3.3 VOLT STD DRAM	CENTER	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{1.700}{(43.18)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.117}{(2.97)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
71251-0016	BLACK	3.3 VOLT SYNCHRONOUS	SEE SHEET 2																		OPTION A						
71251-0017	BLACK	5.0 VOLT SYNCHRONOUS	SEE SHEET 2																		OPTION A						
71251-0018	BLACK	3.3 VOLT UNBUFFERED	OFFSET RIGHT	CENTER	$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{1.661}{(42.19)}$	$\frac{.140}{(3.56)}$	$\frac{.035}{(0.89)}$	$\frac{.102}{(2.59)}$	$\frac{.985}{(25.02)}$	$\frac{.128}{(3.25)}$	$\frac{.265}{(6.73)}$	$\frac{.425}{(10.79)}$	OPTION A						
71251-0019	BLACK	5.0 VOLT STD DRAM	CENTER	OFFSET LEFT	NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		NONE		$\frac{1.700}{(43.18)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION B						
71251-0020	BLACK	3.3 VOLT STD DRAM	CENTER	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.700}{(43.18)}$	$\frac{.140}{(3.56)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION B						
71251-0021	BLACK	3.3 VOLT STD DRAM	CENTER	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{1.700}{(43.18)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION B						
71251-0022	BLACK	3.3 VOLT UNBUFFERED	OFFSET RIGHT	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{1.661}{(42.19)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION B						
71251-0023	BLACK	3.3 VOLT UNBUFFERED	OFFSET RIGHT	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		NONE		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.661}{(42.19)}$	$\frac{.125}{(3.18)}$	$\frac{.035}{(0.89)}$	$\frac{.102}{(2.59)}$	$\frac{.985}{(25.02)}$	$\frac{.128}{(3.25)}$	$\frac{.265}{(6.73)}$	$\frac{.425}{(10.79)}$	OPTION A						
71251-0024	BLACK	3.3 VOLT UNBUFFERED	OFFSET RIGHT	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{1.661}{(42.19)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.105}{(2.67)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
71251-0026	BEIGE	3.3 VOLT STD DRAM	CENTER	CENTER	$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		NONE		NONE		$\frac{.080 \pm .002}{(2.03 \pm 0.05)}$		$\frac{1.700}{(43.18)}$	$\frac{.125}{(3.18)}$	$\frac{.035}{(0.89)}$	$\frac{.090}{(2.29)}$	$\frac{.985}{(25.02)}$	$\frac{.128}{(3.25)}$	$\frac{.265}{(6.73)}$	$\frac{.425}{(10.79)}$	OPTION A						
71251-0027	BLACK	3.3 VOLT SYNCHRONOUS	OFFSET LEFT	CENTER	NONE		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		$\frac{.093 + .003/- .000}{(2.36+0.08/-0.00)}$		NONE		$\frac{1.739}{(44.17)}$	$\frac{.155}{(3.94)}$	$\frac{.020}{(0.51)}$	$\frac{.127}{(3.23)}$	$\frac{.970}{(24.64)}$	$\frac{.113}{(2.87)}$	$\frac{.250}{(6.35)}$	$\frac{.410}{(10.41)}$	OPTION A						
														DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°				REVISE ONLY ON CAD SYSTEM									
														INCH METRIC				TITLE 050/(1.27) PITCH MULTI-KEY 168 CKT DIMM RAM ASSY 17.8mm LATCH SALES DWG.									
														3 PLACE ± .005 --- 2 PLACE ± .01 ± 0.13 1 PLACE --- ± 0.25				SHEET NO. 3 DATE 12/07/95									
														DRAWN BY DCB CHECKED BY DCB SCALE 2:1				PART NO. SEE CHART DRAWING NO. SDA-71251-0...									
														LTR. REVISIONS				FILE NAME ST 25103 MOLX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
I3		I2		I1		I0		9		8		7		6		5		4		3		2		1			