

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.

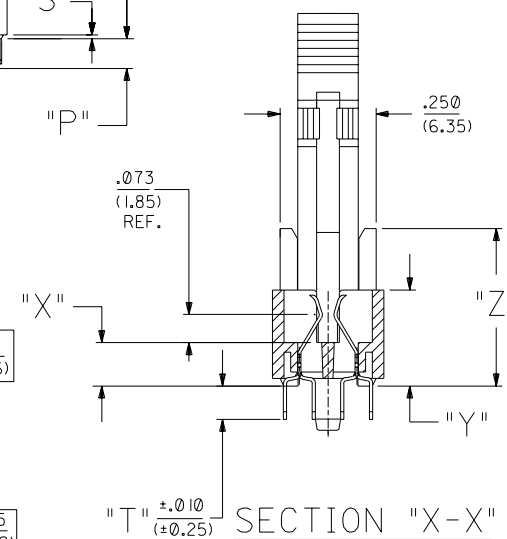
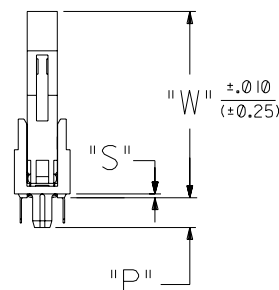
PLATING:

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.

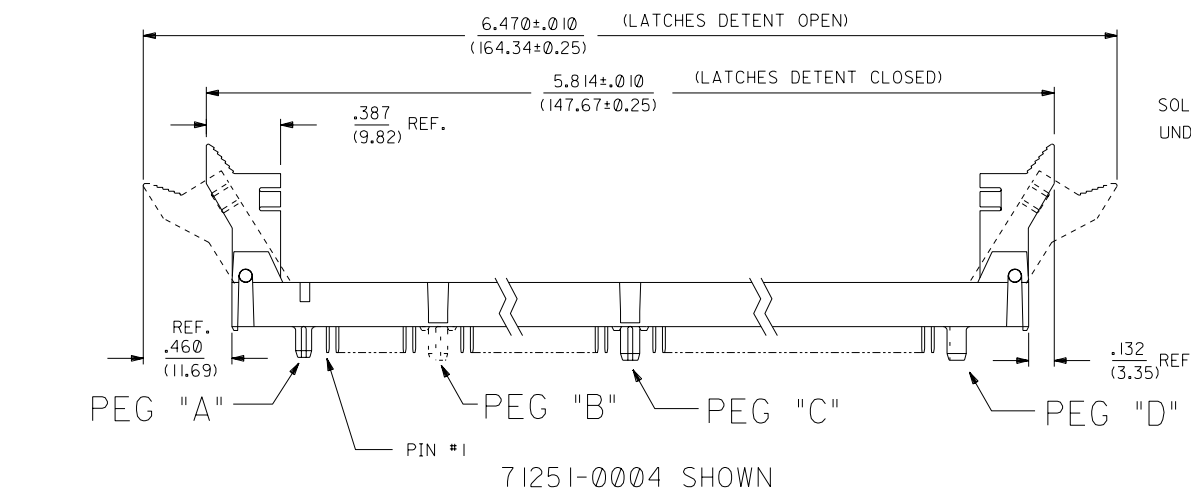


SCALE 4:1

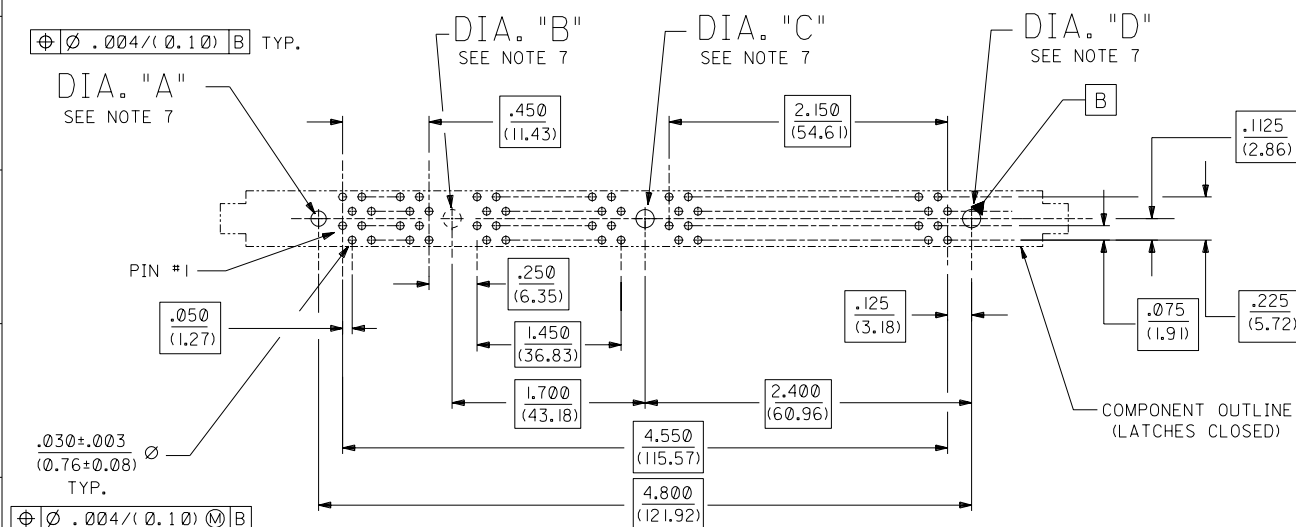
			DI	ECR* U60361 9-18-95 JCL
	3	H		
	2	F3		REVISED PER ECR* U51288 8-4-95 JCL
	I	HI	D	
MFG.	SH.	REV.	LTR.	REVISIONS

H1	ADD LEAD FREE NOTE ECN# UCP2004-0332 DMORGAN 04/03/09
H	RELEASE -0027 ECN# UDT2000-1151 DMORGAN 00/05/19
H	RELEASE -0027 ECN# UDT2000-1151 DMORGAN 00/05/19
G	CHG Sn-Pb THICKNESS ECN# UDT1999-0454 DMORGAN 99/08/09
F3	REVISED PER ECR# UB0435 97-8-8 LAURX
F2	REVISED PER ECR# U71162 97-4-15 LAURX
F1	REVISED PER ECR# U70367 96-10-9 LAURX
F	REVISED PER ECR# UE1133 96-9-25 LAURX
E1	REVISED PER ECR# UB0836 1-19-96 JCL
E	REVISED PER ECR# UE06582 12-7-95 JCL
D2	REVISED PER ECR# UB0452 10-10-95 JCL
D1	REVISED PER ECR# UB0361 9-18-95 JCL
D	REVISED PER ECR# UB1288 8-4-95 JCL

DIMENSIONS SHOWN (METRIC) INCH		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°			
INCH	METRIC	TITLE	
3 PLACE ± .005 ---	---	Q50/(1.27) PITCH MULTI-KEY 168 CKT DIMM RAM ASSY 17.8mm LATCH SALES DWG	
2 PLACE ± --- ± 0.13	---		
1 PLACE --- ± 0.25	---		
DRAWING BY: DCB CHD BY: DCB		MOLEX INCORPORATED	SHEET NO. 1 OF 3
DATE: 10/10/94		U.S.A.	DATE: 10/10/94
PART NO. SEE CHART		DRWG. NO. SDA-71251-0***	
FILE NAME 57125101		SIZE CP	



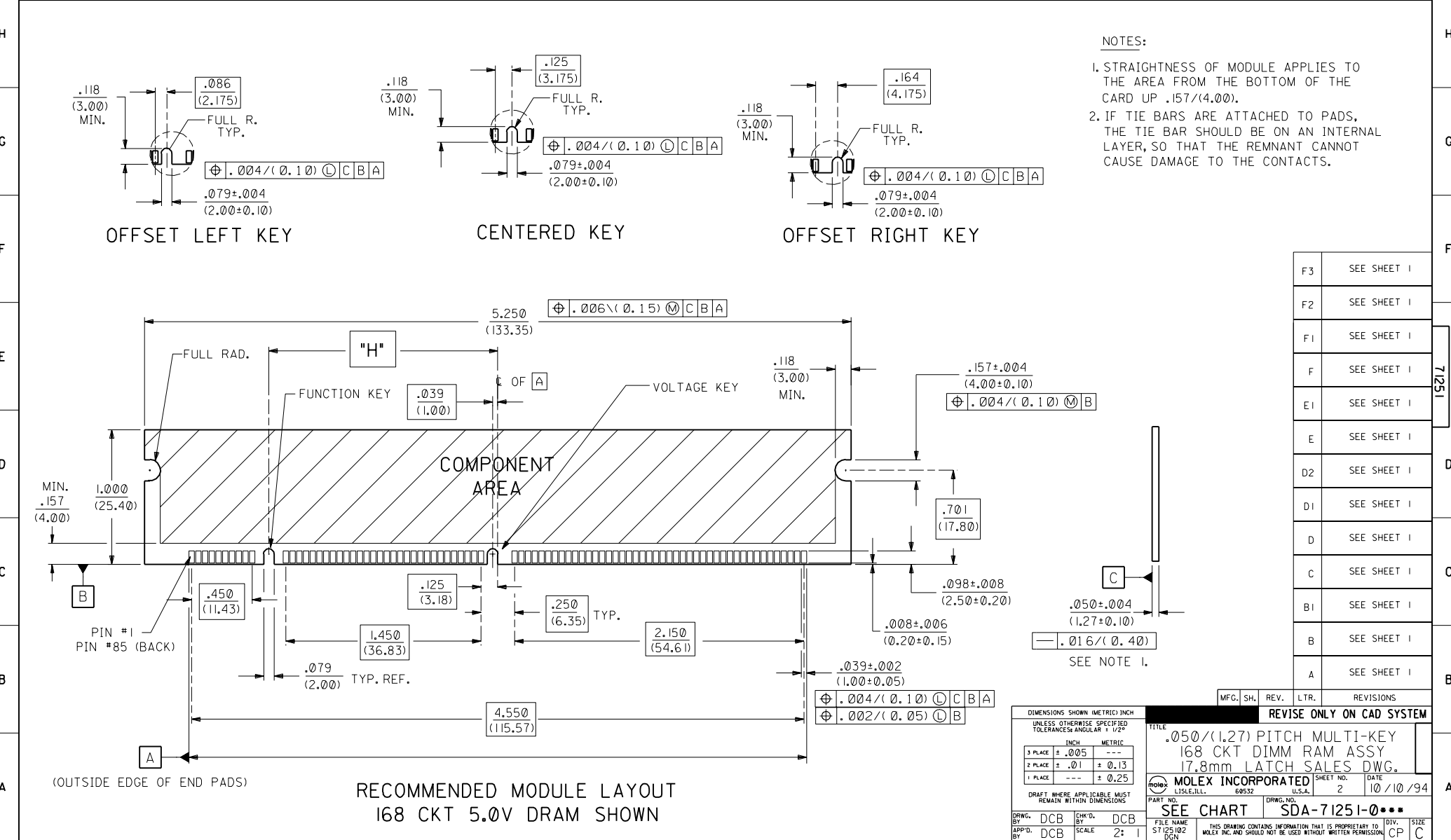
71251-0004 SHOWN



— COMPONENT OUTLINE
(LATCHES CLOSED)

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

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								



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				MOLEX INCORPORATED SHEET NO. 3 DATE 12/07/95 L15L,ILL. 60532 U.S.A.									
														DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				PART NO. SEE CHART DRWG. NO. SDA-71251-0...									
														DRAWN BY DCB CHK'D BY DCB SCALE 2:1				FILE NAME ST 25103 CP SIZE CP C									
														LTR. REVISIONS LTR. REVISIONS													
I3		I2		I1		I0		9		8		7		6		5		4		3		2		1			