

FIGURE 1 : PRINCIPAL DIMENSIONS AND DATUMS

JEDEC SOLID STATE PRODUCT OUTLINE	TITLE CERAMIC .025" CENTER CHIP CARRIER	ISSUE A	DATE 8-1-86	MO-056
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REGISTRATION

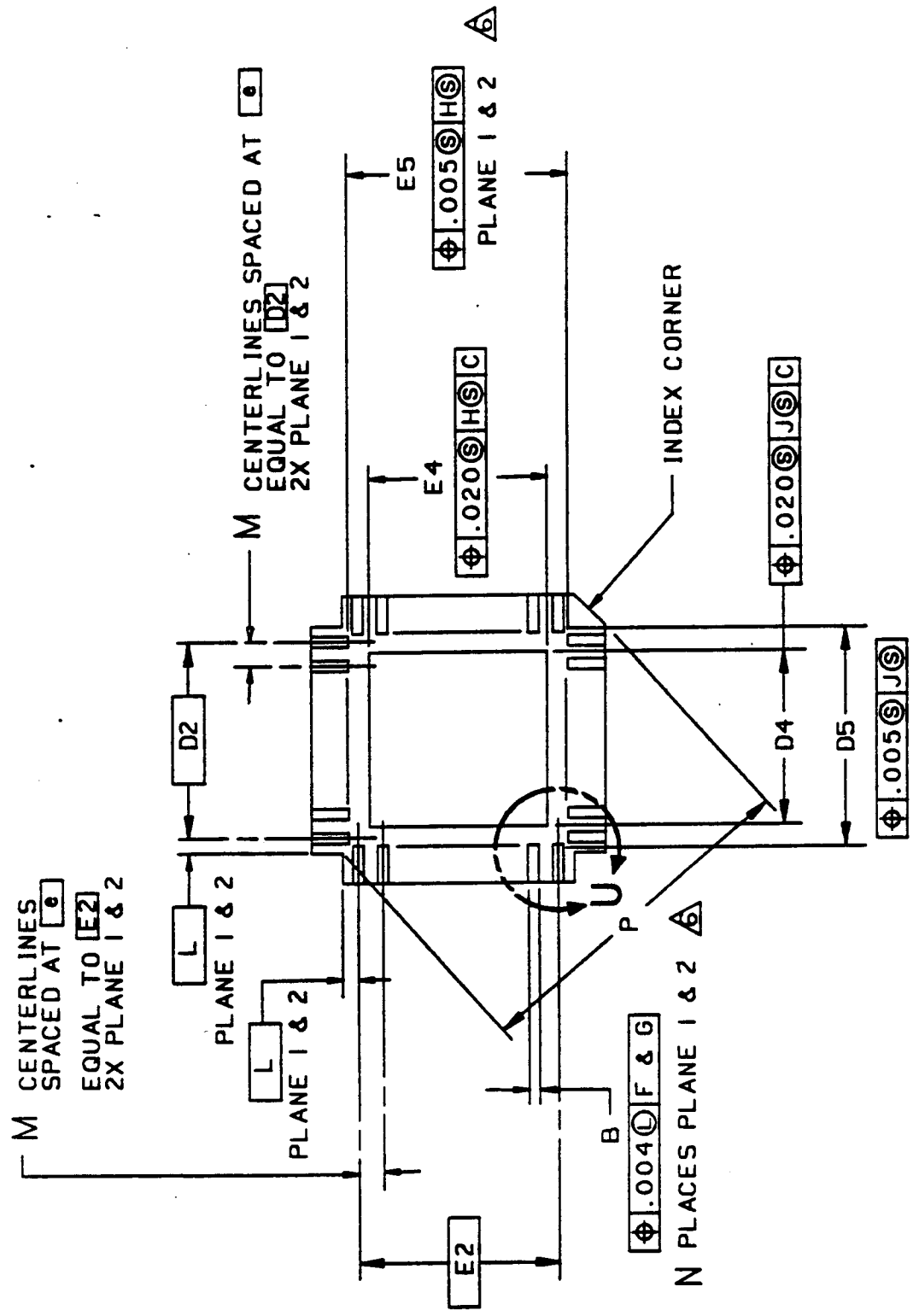


FIGURE 2 : PLANE 2 DETAIL

JEDEC SOLID STATE PRODUCT OUTLINE	TITLE CERAMIC .025" CENTER CHIP CARRIER	ISSUE A	DATE 8-1-86	MO-056
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REGISTRATION

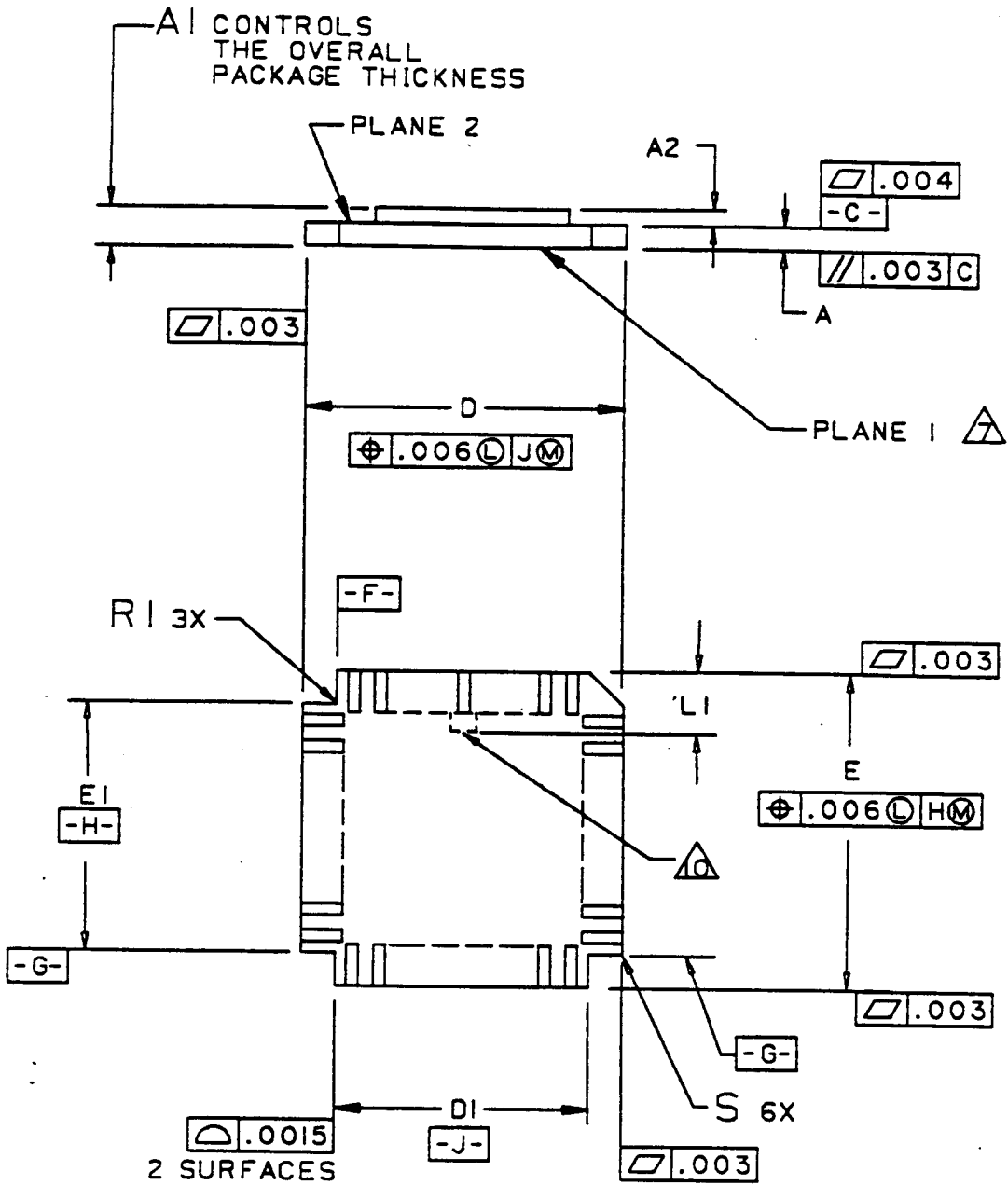
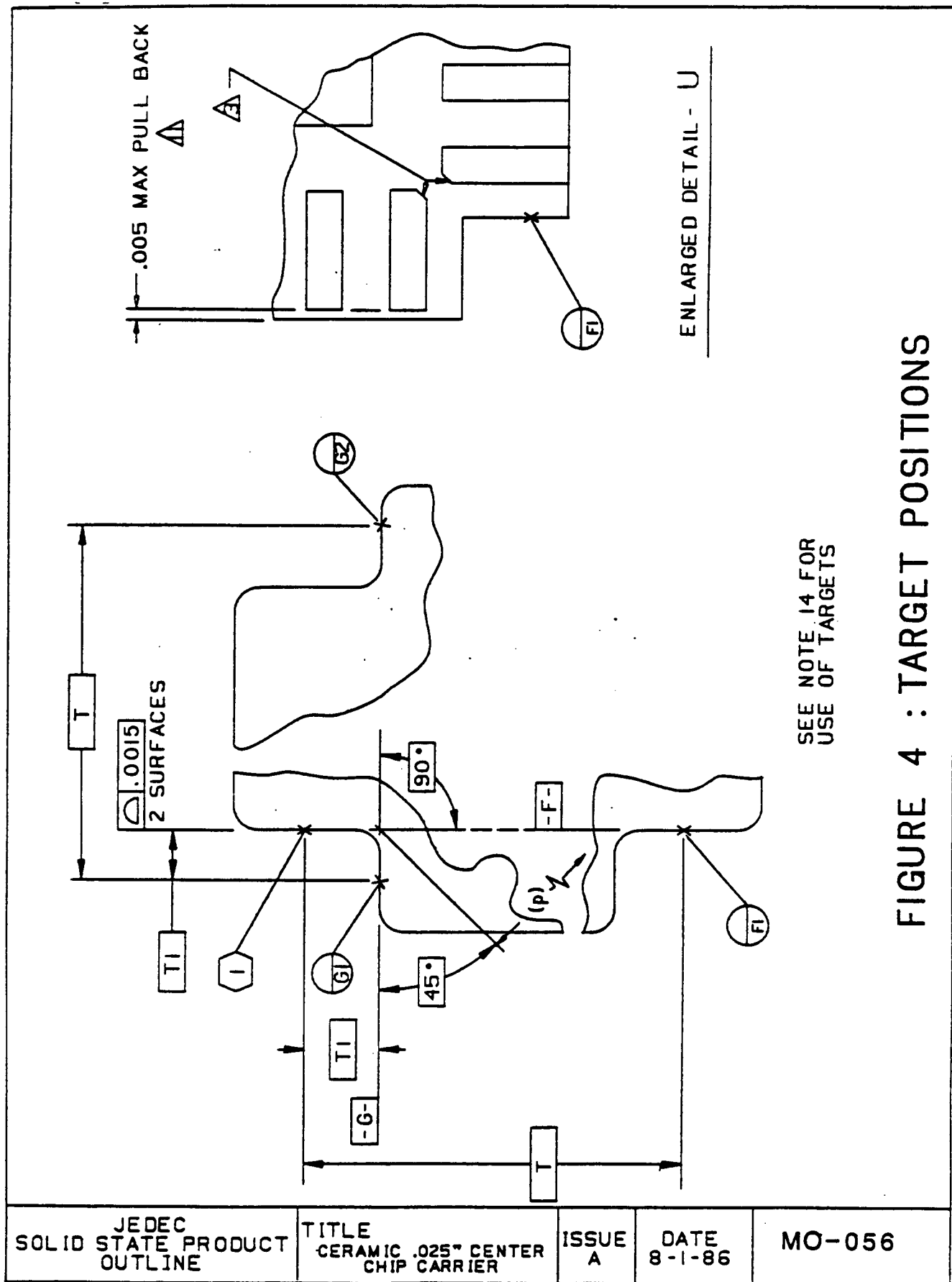


FIGURE 3 : PLANE 1 DETAIL

JEDEC SOLID STATE PRODUCT OUTLINE	TITLE CERAMIC .025" CENTER CHIP CARRIER	ISSUE A	DATE 8-1-86	MO-056
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REGISTRATION



REGISTRATION

FIGURE 4 : TARGET POSITIONS

ALL DIMENSIONS SHOWN IN INCHES

SYMBOL	VARIATIONS									
	AA		NOTE	AB		NOTE	AC		NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	.040	.046		.056	.064		.058	.084		
A1	.110	.134		.128	.152		.100	.120		
A2	.070	.088		.070	.088		.044	.058		
B	.018	.018		.018	.018		.018	.018		
D	.445	.455		.445	.455		.445	.455		
D1	.345	.355		.345	.355		.345	.355		
D2	.300 BASIC			.300 BASIC			.300 BASIC			
D4	.290 MAX			.290 MAX			.290 MAX			
D5	.340	.360	3	.340	.360	3	.340	.380	3	
E1	.445	.455		.445	.455		.445	.455		
E2	.345	.355		.345	.355		.345	.355		
E4	.300 BASIC			.300 BASIC			.300 BASIC			
E5	.290 MAX			.290 MAX			.290 MAX			
L	.340	.360	3	.340	.360	3	.340	.380	3	
L1	.025 BASIC			.025 BASIC			.025 BASIC			
M	.025 BASIC			.025 BASIC			.025 BASIC			
N	.075 MAX		10	.075 MAX		10	.075 MAX		10	
P	.13		8	.13		8	.13		8	
R1	.538	.548	4	.538	.548	4	.538	.548	4	
S	.000	.020		.000	.020		.000	.020		
T	.005 MAX			.005 MAX			.005 MAX			
T1	.42 BASIC			.42 BASIC			.42 BASIC			
	.031 BASIC			.031 BASIC			.031 BASIC			

ALL DIMENSIONS SHOWN IN MILLIMETERS

SYMBOL	VARIATIONS											
	AA		NOTE	AB		NOTE	AC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	1.016	1.168		1.423	1.625		1.423	1.625				
A1	2.794	3.403		3.201	3.860		2.54	3.04				
A2	1.778	2.235		1.778	2.235		1.118	1.422				
B	.407	.457		.407	.457		.407	.457				
D	11.31	11.55		11.31	11.55		11.31	11.55				
D1	8.77	9.01		8.77	9.01		8.77	9.01				
D2	7.620	BASIC		7.620	BASIC		7.620	BASIC				
D4	7.366	MAX		7.366	MAX		7.366	MAX				
D5	8.64	9.14	3	8.64	9.14	3	8.64	9.14	3			
E	11.31	11.55		11.31	11.55		11.31	11.55				
E1	8.77	9.01		8.77	9.01		8.77	9.01				
E2	7.620	BASIC		7.620	BASIC		7.620	BASIC				
E4	7.366	MAX		7.366	MAX		7.366	MAX				
E5	8.64	9.14	3	8.64	9.14	3	8.64	9.14	3			
L	.635	BASIC		.635	BASIC		.635	BASIC				
L1	.635	BASIC		.635	BASIC		.635	BASIC				
M	1.905	MAX	10	1.905	MAX	10	1.905	MAX	10			
N	13		8	13		8	13		8			
N	52		4	52		4	52		4			
P	13.67	13.91		13.67	13.91		13.67	13.91				
R1	.00	.50		.00	.50		.00	.50				
S	.127	MAX		.127	MAX		.127	MAX				
T	10.668	BASIC		10.668	BASIC		10.668	BASIC				
T1	.787	BASIC		.787	BASIC		.787	BASIC				
NOTE	1.2.5.6.7.9.11.12.13.14			1.2.5.6.7.9.11.12.13.14			1.2.5.6.7.9.11.12.13.14					
REF.												
ISSUE												
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE CERAMIC .025" CENTER CHIP CARRIER				ISSUE A	DATE 8-1-86	MO-056			

REGISTRATION

ALL DIMENSIONS SHOWN IN INCHES

SYMBOL	VARIATIONS											
	BA		NOTE	BB		NOTE	BC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.040	.046		.056	.064		.056	.064				
A1	.110	.134		.126	.152		.100	.120				
A2	.070	.088		.070	.088		.044	.058				
B	.018	.018		.016	.018		.016	.018				
O	.555	.565		.555	.565		.555	.565				
O1	.455	.465		.455	.465		.455	.465				
O2	.400 BASIC			.400 BASIC			.400 BASIC					
O4	.390 MAX			.390 MAX			.390 MAX					
O5	.450	.470	3	.450	.470	3	.450	.470	3			
E	.555	.565		.555	.565		.555	.565				
E1	.455	.465		.455	.465		.455	.465				
E2	.400 BASIC			.400 BASIC			.400 BASIC					
E4	.390 MAX			.390 MAX			.390 MAX					
E5	.450	.470	3	.450	.470	3	.450	.470	3			
•	.025 BASIC			.025 BASIC			.025 BASIC					
L1	.025 BASIC			.025 BASIC			.025 BASIC					
L	.075 MAX		10	.075 MAX		10	.075 MAX		10			
M	.17		8	.17		8	.17		8			
N	.68		4	.68		4	.68		4			
P	.893	.703		.693	.703		.693	.703				
R1	.000	.020		.000	.020		.000	.020				
S	.005 MAX			.005 MAX			.005 MAX					
T	.52 BASIC			.52 BASIC			.52 BASIC					
T1	.031 BASIC			.031 BASIC			.031 BASIC					

ALL DIMENSIONS SHOWN IN MILLIMETERS

SYMBOL	VARIATIONS												
	BA		NOTE	BB		NOTE	BC		NOTE			NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	1.016	1.168	3	1.423	1.625	3	1.423	1.625	3				
A1	2.794	3.403		3.201	3.860		2.54	3.04					
A2	1.778	2.235		1.778	2.235		1.118	1.422					
B	.407	.457		.407	.457		.407	.457					
O	14.10	14.35		14.10	14.35		14.10	14.35					
O1	11.56	11.81		11.56	11.81		11.56	11.81					
O2	10.160 BASIC			10.160 BASIC			10.160 BASIC						
O4	9.906 MAX			9.906 MAX			9.906 MAX						
O5	11.43	11.93		11.43	11.93		11.43	11.93					
E	14.10	14.35		14.10	14.35		14.10	14.35					
E1	11.56	11.81	11.56	11.81	11.56	11.81							
E2	10.160 BASIC		10.160 BASIC		10.160 BASIC								
E4	9.906 MAX		9.906 MAX		9.906 MAX								
E5	11.43	11.93	3	11.43	11.93	3	11.43	11.93	3				
•	.635 BASIC			.635 BASIC			.635 BASIC						
L	.635 BASIC			.635 BASIC			.635 BASIC						
L1	1.905 MAX			1.905 MAX			1.905 MAX						
M	.17	10 8 4	.17	10 8 4	.17	10 8 4	.17	10 8 4					
N	.68		.68		.68		.68						
P	17.61		17.85		17.81		17.85					17.81	17.85
R1	.00		.50		.00		.50					.00	.50
S	.127 MAX		.127 MAX		.127 MAX		.127 MAX						
T	13.208 BASIC		13.208 BASIC		13.208 BASIC		13.208 BASIC						
T1	.787 BASIC		.787 BASIC		.787 BASIC		.787 BASIC						
NOTE	1,2,5,6,7,9,11,12,13,14			1,2,5,6,7,9,11,12,13,14			1,2,5,6,7,9,11,12,13,14						
REF.													
ISSUE													
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE CERAMIC .025" CENTER CHIP CARRIER				ISSUE A		DATE 8-1-86		MO-056	

REGISTRATION

ALL DIMENSIONS SHOWN IN INCHES

SYMBOL	VARIATIONS											
	CA		NOTE	CB		NOTE	CC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.040	.046		.056	.064		.056	.064				
A1	.110	.134		.126	.152		.100	.120				
A2	.070	.088		.070	.088		.044	.056				
B	.016	.018		.016	.018		.016	.018				
D	.845	.855		.845	.855		.845	.855				
D1	.545	.555		.545	.555		.545	.555				
O2	.500	BASIC		.500	BASIC		.500	BASIC				
O4	.490	MAX		.490	MAX		.490	MAX				
O5	.540	.560	3	.540	.560	3	.540	.560	3			
E1	.845	.855		.845	.855		.845	.855				
E2	.545	.555		.545	.555		.545	.555				
E4	.500	BASIC		.500	BASIC		.500	BASIC				
E5	.490	MAX		.490	MAX		.490	MAX				
L	.540	.560	3	.540	.560	3	.540	.560	3			
L1	.025	BASIC		.025	BASIC		.025	BASIC				
M	.025	BASIC		.025	BASIC		.025	BASIC				
N	.075	MAX	10	.075	MAX	10	.075	MAX	10			
P	21		8	21		8	21		8			
R1	.821	.831	4	.821	.831	4	.821	.831	4			
S	.000	.020		.000	.020		.000	.020				
T	.005	MAX		.005	MAX		.005	MAX				
T1	.62	BASIC		.62	BASIC		.62	BASIC				
	.031	BASIC		.031	BASIC		.031	BASIC				

ALL DIMENSIONS SHOWN IN MILLIMETERS

SYMBOL	VARIATIONS												
	CA		NOTE	CB		NOTE	CC		NOTE			NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	1.016	1.168	3	1.423	1.625	3	1.423	1.625	3				
A1	2.794	3.403		3.201	3.860		2.54	3.04					
A2	1.778	2.235		1.778	2.235		1.118	1.422					
B	.407	.457		.407	.457		.407	.457					
D	16.39	16.63		16.39	16.63		16.39	16.63					
D1	13.85	14.09		13.85	14.09		13.85	14.09					
O2	12.700 BASIC			12.700 BASIC			12.700 BASIC						
O4	12.446 MAX			12.446 MAX			12.446 MAX						
O5	13.72	14.22		13.72	14.22		13.72	14.22					
E	16.39	16.63		16.39	16.63		16.39	16.63					
E1	13.85	14.09	13.85	14.09	13.85	14.09							
E2	12.700 BASIC		12.700 BASIC		12.700 BASIC								
E4	12.446 MAX		12.446 MAX		12.446 MAX								
E5	13.72	14.22	3	13.72	14.22	3	13.72	14.22	3				
e	.635 BASIC		.635 BASIC		.635 BASIC								
L	.635 BASIC		.635 BASIC		.635 BASIC								
L1	1.905 MAX		1.905 MAX		1.905 MAX								
M	21		21		21								
N	84		84		84								
P	20.86	21.10	20.86	21.10	20.86	21.10							
R1	.00	.50	.00	.50	.00	.50							
S	.127 MAX		.127 MAX		.127 MAX								
T	15.748 BASIC		15.748 BASIC		15.748 BASIC								
T1	.787 BASIC		.787 BASIC		.787 BASIC								
NOTE	1,2,5,6,7,9,11,12,13,14			1,2,5,6,7,9,11,12,13,14			1,2,5,6,7,9,11,12,13,14						
REF.													
ISSUE													
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE CERAMIC .025" CENTER CHIP CARRIER				ISSUE A		DATE 8-1-86		MO-056	

REGISTRATION

ALL DIMENSIONS SHOWN IN INCHES

SYMBOL	VARIATIONS											
	DA		NOTE	DB		NOTE	DC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.040	.048	3	.056	.064	3	.056	.064	3			
A1	.110	.134		.128	.152		.100	.120				
A2	.070	.088		.070	.088		.044	.056				
B	.018	.018		.018	.018		.016	.018				
D	.745	.755		.745	.755		.745	.755				
D1	.645	.655	3	.645	.755	3	.645	.655	3			
D2	.600 BASIC			.600 BASIC			.600 BASIC					
D4	.590 MAX			.590 MAX			.590 MAX					
D5	.640	.860		.640	.660		.640	.660				
E	.745	.755		.745	.755		.745	.755				
E1	.645	.855	3	.645	.655	3	.645	.655	3			
E2	.600 BASIC			.600 BASIC			.600 BASIC					
E4	.590 MAX			.590 MAX			.590 MAX					
E5	.640	.660		.640	.660		.640	.660				
L	.025 BASIC			.025 BASIC			.025 BASIC					
L1	.025 BASIC		10	.025 BASIC		10	.025 BASIC		10			
M	.075 MAX			.075 MAX			.075 MAX					
N	25			25			25					
P	100			100			100					
R1	.962	1.062		.962	1.062		.962	1.062				
S	.000	.020	4	.000	.020	4	.000	.020	4			
T	.005 MAX			.005 MAX			.005 MAX					
T1	.72 BASIC			.72 BASIC			.72 BASIC					
	.031 BASIC			.031 BASIC		.031 BASIC						

ALL DIMENSIONS SHOWN IN MILLIMETERS

SYMBOL	VARIATIONS												
	DA		NOTE	DB		NOTE	DC		NOTE			NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	1.016	1.168	3	1.423	1.625	3	1.423	1.625	3				
A1	2.794	3.403		3.201	3.860		2.54	3.04					
A2	1.778	2.235		1.778	2.235		1.118	1.422					
B	.407	.457		.407	.457		.407	.457					
D	18.93	19.17		18.93	19.17		18.93	19.17					
D1	16.39	16.63		16.39	16.63		16.39	16.63					
D2	15.240	BASIC		15.240	BASIC		15.240	BASIC					
D4	14.986	MAX		14.986	MAX		14.986	MAX					
D5	16.26	16.76		16.26	16.76		16.26	16.76					
E	18.93	19.17		18.93	19.17		18.93	19.17					
E1	16.39	16.63	16.39	16.63	16.39	16.63							
E2	15.240	BASIC	15.240	BASIC	15.240	BASIC							
E4	14.986	MAX	14.986	MAX	14.986	MAX							
E5	16.26	16.76	3	16.26	16.76	3	16.26	16.76	3				
e	.635	BASIC	.635	BASIC	.635	BASIC							
L	.635	BASIC	.635	BASIC	.635	BASIC							
L1	1.905	MAX	1.905	MAX	1.905	MAX							
M	25		25		25								
N	100		100		100								
P	24.44	26.97	24.44	26.97	24.44	26.97							
R1	.00	.50	.00	.50	.00	.50							
S	.127	MAX	.127	MAX	.127	MAX							
T	18.288	BASIC	18.288	BASIC	18.288	BASIC							
T1	.787	BASIC	.787	BASIC	.787	BASIC							
NOTE	1.2.5.6.7.9.11.12.13.14			1.2.5.6.7.9.11.12.13.14			1.2.5.6.7.9.11.12.13.14						
REF.													
ISSUE													
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE CERAMIC .025" CENTER CHIP CARRIER				ISSUE A		DATE 8-1-86		MO-056	

REGISTRATION

ALL DIMENSIONS SHOWN IN INCHES

SYMBOL	VARIATIONS									
	EA		NOTE	EB		NOTE	EC		NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	.040	.046		.056	.064		.056	.064		
A1	.110	.134		.126	.152		.100	.120		
A2	.070	.088		.070	.088		.044	.058		
B	.016	.018		.016	.018		.016	.018		
O	.945	.955		.945	.955		.945	.955		
D1	.845	.855		.845	.855		.845	.855		
D2	.800 BASIC			.800 BASIC			.800 BASIC			
D4	.790 MAX			.790 MAX			.790 MAX			
O5	.840	.880	3	.840	.880	3	.840	.880	3	
E1	.945	.955		.945	.955		.945	.955		
E2	.845	.855		.845	.855		.845	.855		
E4	.800 BASIC			.800 BASIC			.800 BASIC			
E5	.790 MAX			.790 MAX			.790 MAX			
L	.840	.860	3	.840	.860	3	.840	.860	3	
L1	.025 BASIC			.025 BASIC			.025 BASIC			
M	.025 BASIC			.025 BASIC			.025 BASIC			
N	.075 MAX		10	.075 MAX		10	.075 MAX		10	
P	.33		8	.33		8	.33		8	
R1	1.245	1.255	4	1.245	1.255	4	1.245	1.255	4	
S	.000	.020		.000	.020		.000	.020		
T1	.005 MAX			.005 MAX			.005 MAX			
	.920 BASIC			.920 BASIC			.920 BASIC			
	.031 BASIC			.031 BASIC			.031 BASIC			

ALL DIMENSIONS SHOWN IN MILLIMETERS

SYMBOL	VARIATIONS											
	EA		NOTE	EB		NOTE	EC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	1.016	1.168		1.423	1.625		1.423	1.625				
A1	2.794	3.403		3.201	3.860		2.54	3.04				
A2	1.778	2.235		1.778	2.235		1.118	1.422				
B	.407	.457		.407	.457		.407	.457				
O	24.01	24.25	3	24.01	24.25	3	24.01	24.25	3			
O1	21.47	21.71		21.47	21.71		21.47	21.71				
O2	20.32	BASIC		20.32	BASIC		20.32	BASIC				
O4	20.066	MAX		20.066	MAX		20.066	MAX				
O5	21.34	21.84	3	21.34	21.84	3	21.34	21.84	3			
E1	24.01	24.25		24.01	24.25		24.01	24.25				
E2	21.47	21.71		21.47	21.71		21.47	21.71				
E4	20.32	BASIC		20.32	BASIC		20.32	BASIC				
E5	20.066	MAX	3	20.066	MAX	3	20.066	MAX	3			
L	21.34	21.84		21.34	21.84		21.34	21.84				
L1	.635	BASIC		.635	BASIC		.635	BASIC				
M	.635	BASIC		.635	BASIC		.635	BASIC				
N	1.905	MAX	10	1.905	MAX	10	1.905	MAX	10			
P	.33			.33			.33					
P1	31.623	31.877		31.623	31.877		31.623	31.877				
R1	.00	.50		.00	.50		.00	.50				
S	.127	MAX		.127	MAX		.127	MAX				
T	23.368	BASIC		23.368	BASIC		23.368	BASIC				
T1	.787	BASIC		.787	BASIC		.787	BASIC				
NOTE	1.2.5.6.7.9.11.12.13.14		1.2.5.6.7.9.11.12.13.14		1.2.5.6.7.9.11.12.13.14							
REF.												
ISSUE												
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE CERAMIC .025" CENTER CHIP CARRIER				ISSUE A		DATE 8-1-86		MO-056	

REGISTRATION

ALL DIMENSIONS SHOWN IN INCHES

SYMBOL	VARIATIONS											
	FA		NOTE	FB		NOTE	FC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.040	.046		.056	.064		.056	.064				
A1	.110	.134		.126	.152		.100	.120				
A2	.070	.088		.070	.088		.044	.056				
B	.018	.018		.016	.018		.018	.018				
D	1.145	1.155		1.145	1.155		1.145	1.155				
D1	1.045	1.055		1.045	1.055		1.045	1.055				
D2	1.000	BASIC		1.000	BASIC		1.000	BASIC				
D4	.990	MAX		.990	MAX		.990	MAX				
D5	1.040	1.060	3	1.040	1.080	3	1.040	1.060	3			
E	1.145	1.155		1.145	1.155		1.145	1.155				
E1	1.045	1.055		1.045	1.055		1.045	1.055				
E2	1.000	BASIC		1.000	BASIC		1.000	BASIC				
E4	.990	MAX		.990	MAX		.990	MAX				
E5	1.040	1.060	3	1.040	1.080	3	1.040	1.060	3			
•	.025	BASIC		.025	BASIC		.025	BASIC				
L	.025	BASIC		.025	BASIC		.025	BASIC				
L1	.075	MAX	10	.075	MAX	10	.075	MAX	10			
M	41		8	41		8	41		8			
N	164		4	164		4	164		4			
P	1.529	1.539		1.529	1.539		1.529	1.539				
R1	.000	.020		.000	.020		.000	.020				
S	.005	MAX		.005	MAX		.005	MAX				
T	1.120	BASIC		1.120	BASIC		1.120	BASIC				
T1	.031	BASIC		.031	BASIC		.031	BASIC				

ALL DIMENSIONS SHOWN IN MILLIMETER

SYMBOL	VARIATIONS											
	FA		NOTE	FB		NOTE	FC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	1.016	1.168	3	1.423	1.625	3	1.423	1.825	3			
A1	2.794	3.403		3.201	3.860		2.54	3.04				
A2	1.778	2.235		1.778	2.235		1.118	1.422				
B	.407	.457		.407	.457		.407	.457				
D	29.09	29.33		29.09	29.33		29.09	29.33				
D1	26.55	26.79		26.55	26.79		26.55	26.79				
D2	25.4	BASIC		25.4	BASIC		25.4	BASIC				
D4	25.146	MAX		25.146	MAX		25.146	MAX				
D5	26.41	26.92		26.41	26.92		26.41	26.92				
E	29.09	29.33		29.09	29.33		29.09	29.33				
E1	26.55	26.79	26.55	26.79	26.55	26.79						
E2	25.4	BASIC	25.4	BASIC	25.4	BASIC						
E4	25.146	MAX	25.146	MAX	25.146	MAX						
E5	26.41	26.92	3	26.41	26.92	3	26.41	26.92	3			
•	.635	BASIC	.635	BASIC	.635	BASIC						
L	.635	BASIC	.635	BASIC	.635	BASIC						
L1	1.905	MAX	1.905	MAX	1.905	MAX						
M	41		41		41							
N	164		164		164							
P	38.837	39.090	38.837	39.090	38.837	39.090						
R1	.00	.50	.00	.50	.00	.50						
S	.127	MAX	.127	MAX	.127	MAX						
T	28.448	BASIC	28.448	BASIC	28.448	BASIC						
T1	.787	BASIC	.787	BASIC	.787	BASIC						
NOTE	1,2,5,6,7,9,11,12,13,14			1,2,5,6,7,9,11,12,13,14			1,2,5,6,7,9,11,12,13,14					
REF.												
ISSUE												
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE CERAMIC .025" CENTER CHIP CARRIER				ISSUE A		DATE 8-1-86		MO-056

REGISTRATION

ALL DIMENSIONS SHOWN IN INCHES

SYMBOL	VARIATIONS									
	GA		NOTE	GB		NOTE	GC		NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	.040	.046		.056	.064		.056	.064		
A1	.110	.134		.126	.152		.100	.120		
A2	.070	.088		.070	.088		.044	.056		
B	.016	.018		.016	.018		.016	.018		
D	1.345	1.355		1.345	1.355		1.345	1.355		
D1	1.245	1.255		1.245	1.255		1.245	1.255		
D2	1.200	BASIC		1.200	BASIC		1.200	BASIC		
D4	1.190	MAX		1.190	MAX		1.190	MAX		
D5	1.240	1.260	3	1.240	1.260	3	1.240	1.260	3	
E	1.345	1.355		1.345	1.355		1.345	1.355		
E1	1.245	1.255		1.245	1.255		1.245	1.255		
E2	1.200	BASIC		1.200	BASIC		1.200	BASIC		
E4	1.190	MAX		1.190	MAX		1.190	MAX		
E5	1.240	1.260	3	1.240	1.260	3	1.240	1.260	3	
L	.025	BASIC		.025	BASIC		.025	BASIC		
L1	.025	BASIC		.025	BASIC		.025	BASIC		
L1	.075	MAX	10	.075	MAX	10	.075	MAX	10	
M	.49		8	.49		8	.49		8	
N	.196		4	.196		4	.196		4	
P	1.811	1.821		1.811	1.821		1.811	1.821		
R1	.000	.020		.000	.020		.000	.020		
S	.005	MAX		.005	MAX		.005	MAX		
T	1.32	BASIC		1.32	BASIC		1.32	BASIC		
T1	.031	BASIC		.031	BASIC		.031	BASIC		

ALL DIMENSIONS SHOWN IN MILLIMETERS

SYMBOL	VARIATIONS												
	GA		NOTE	GB		NOTE	GC		NOTE			NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	1.016	1.168	3	1.423	1.825	3	1.423	1.625	3				
A1	2.794	3.403		3.201	3.860		2.54	3.04					
A2	1.778	2.235		1.778	2.235		1.118	1.422					
B	.407	.457		.407	.457		.407	.457					
D	34.17	34.41		34.17	34.41		34.17	34.41					
D1	31.63	31.86		31.63	31.86		31.63	31.86					
D2	30.48	BASIC		30.48	BASIC		30.48	BASIC					
D4	30.226	MAX		30.226	MAX		30.226	MAX					
D5	31.50	32.00		31.50	32.00		31.50	32.00					
E	34.17	34.41		34.17	34.41		34.17	34.41					
E1	31.63	31.86	31.63	31.86	31.63	31.86							
E2	30.48	BASIC	30.48	BASIC	30.48	BASIC							
E4	30.226	MAX	30.226	MAX	30.226	MAX							
E5	31.50	32.00	3	31.50	32.00	3	31.50	32.00	3				
L	.635	BASIC	10	.635	BASIC	10	.635	BASIC	10				
L1	.635	BASIC		.635	BASIC		.635	BASIC					
M	1.905	MAX		1.905	MAX		1.905	MAX					
N	.49			.49			.49						
P	.196		8	.196		8	.196		8				
R1	46.00	46.25	4	46.00	46.25	4	46.00	46.25	4				
S	.00	.50		.00	.50		.00	.50					
T	.127	MAX		.127	MAX		.127	MAX					
T1	33.528	BASIC		33.528	BASIC		33.528	BASIC					
	.787	BASIC		.787	BASIC		.787	BASIC					
NOTE 1.2.5.6.7.8.11.12.13.14 1.2.5.6.7.8.11.12.13.14 1.2.5.6.7.8.11.12.13.14													
REF.													
ISSUE													
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE CERAMIC .025" CENTER CHIP CARRIER				ISSUE A		DATE 8-1-86		MO-056	

REGISTRATION

ALL DIMENSIONS SHOWN IN INCHES

SYMBOL	VARIATIONS									
	HA		NOTE	HB		NOTE	HC		NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	.040	.046		.056	.064		.056	.064		
A1	.110	.134		.126	.152		.100	.120		
A2	.070	.088		.070	.088		.044	.056		
B	.016	.018		.016	.018		.016	.018		
D	1.645	1.655		1.645	1.655		1.645	1.655		
D1	1.545	1.555		1.545	1.555		1.545	1.555		
D2	1.500 BASIC			1.500 BASIC			1.500 BASIC			
D4	1.490 MAX			1.490 MAX			1.490 MAX			
D5	1.540	1.560	3	1.540	1.560	3	1.540	1.560	3	
E	1.645	1.655		1.645	1.655		1.645	1.655		
E1	1.545	1.555		1.545	1.555		1.545	1.555		
E2	1.500 BASIC			1.500 BASIC			1.500 BASIC			
E4	1.490 MAX			1.490 MAX			1.490 MAX			
E5	1.540	1.560	3	1.540	1.560	3	1.540	1.560	3	
e	.025 BASIC			.025 BASIC			.025 BASIC			
L	.025 BASIC			.025 BASIC			.025 BASIC			
L1	.075 MAX		10	.075 MAX		10	.075 MAX		10	
M	.61		8	.61		8	.61		8	
N	.244		4	.244		4	.244		4	
P	2.235	2.245		2.235	2.245		2.235	2.245		
R1	.000	.020		.000	.020		.000	.020		
S	.005 MAX			.005 MAX			.005 MAX			
T	1.62 BASIC			1.62 BASIC			1.62 BASIC			
T1	.031 BASIC			.031 BASIC			.031 BASIC			

ALL DIMENSIONS SHOWN IN MILLIMETERS

SYMBOL	VARIATIONS												
	HA		NOTE	HB		NOTE	HC		NOTE			NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	1.016	1.168		1.423	1.625		1.423	1.625					
A1	2.794	3.403		3.201	3.860		2.54	3.04					
A2	1.778	2.235		1.778	2.235		1.118	1.422					
B	.407	.457		.407	.457		.407	.457					
D	41.79	42.03		41.79	42.03		41.79	42.03					
D1	39.25	39.49		39.25	39.49		39.25	39.49					
D2	38.10	BASIC		38.10	BASIC		38.10	BASIC					
D4	37.846	MAX		37.846	MAX		37.846	MAX					
D5	39.12	39.62	3	39.12	39.62	3	39.12	39.62	3				
E	41.79	42.03		41.79	42.03		41.79	42.03					
E1	39.25	39.49		39.25	39.49		39.25	39.49					
E2	38.10	BASIC		38.10	BASIC		38.10	BASIC					
E4	37.846	MAX		37.846	MAX		37.846	MAX					
E5	39.12	39.62	3	39.12	39.62	3	39.12	39.62	3				
e	.635	BASIC		.635	BASIC		.635	BASIC					
L	.635	BASIC		.635	BASIC		.635	BASIC					
L1	1.905	MAX	10	1.905	MAX	10	1.905	MAX	10				
M	.61		8	.61		8	.61		8				
N	.244		4	.244		4	.244		4				
P	56.77	57.02		56.77	57.02		56.77	57.02					
R1	.00	.50		.00	.50		.00	.50					
S	.127	MAX		.127	MAX		.127	MAX					
T	41.148	BASIC		41.148	BASIC		41.148	BASIC					
T1	.787	BASIC		.787	BASIC		.787	BASIC					
NOTE	1.2.5.8.7.9.11.12.13.14			1.2.5.8.7.9.11.12.13.14			1.2.5.8.7.9.11.12.13.14						
REF.													
ISSUE													
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE CERAMIC .025" CENTER CHIP CARRIER				ISSUE A		DATE 8-1-86		MO-056	

REGISTRATION

NOTES:

1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M 1982.
3. RELIEF ON CORNER TERMINAL MAXIMUM DIMENSION PERMISSIBLE IN ORDER TO ENSURE MINIMUM CONDUCTOR SPACING (OF .004) .
4. N IS THE MAXIMUM QUANTITY OF TERMINAL POSITIONS. REFER TO NUMBERING CONVENTION.
5. F AND G ARE REFERENCE DATUMS.
6. ELECTRICAL CONNECTION IS REQUIRED ON PLANE 2 AND IS OPTIONAL ON PLANE 1.
7. PLANE 1 IS HEAT RADIATING SURFACE. METALLIZATION IS OPTIONAL. HOWEVER, IF PRESENT, A CLEARANCE OF .020" (.508 mm) MUST BE MAINTAINED FROM ALL PHYSICAL FEATURES.
8. M IS THE NUMBER OF TERMINAL POSITIONS ON ONE EDGE OF THE PACKAGE.
9. CONTROLLING DIMENSION: INCH
10. FEATURES FOR ELECTRICAL/OPTICAL ORIENTATION OR HANDLING PURPOSES MUST BE WITHIN THE AREA SHOWN.
11. MAXIMUM PULLBACK OF METALLIZATION OF .005" FROM EDGE IS ALLOWED.
12. SURFACE FINISH TO BE 12 TO 23 MICROINCHES BOTH SIDES.
13. SUBSTRATE SHALL BE FREE OF BURRS. CORNERS SHALL BE FREE OF ASPERITIES.
14. TARGET POSITIONS SHOWN ARE FOR DETERMINATION OF -F- AND -G-. TARGETS G1 AND G2 DETERMINE DATUM -G-. TARGET F1 WITH PERPENDICULARITY REQUIREMENT WITH RESPECT TO -G- DETERMINES -F-. 1 CAN BE USED TO DETERMINE IF PACKAGE ADHERES TO .0015.

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE CERAMIC .025" CENTER CHIP CARRIER	ISSUE A	DATE 8-1-86	MO-056
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REGISTRATION