TOP VIEW

⊕ |.007 Ⓢ| H |A-B Ⓢ| D Ⓢ|

D

△4

D1

.042/.048 X 45°

△5 ▶ |D|

E E1 △4

△5 |A|

ⓔ

△5

|B|

⊕ |.007 Ⓢ| H |A-B Ⓢ| D Ⓢ|

⊕ |.007 Ⓢ| H |A-B Ⓢ| D Ⓢ|
// |.002 |A-B Ⓢ|

⊕ |.007 Ⓢ| H |A-B Ⓢ| D Ⓢ|
⊥ |.002 |A-B Ⓢ|

SIDE VIEW

SEE DETAIL 'A'

.042/.056

△8
|H|

A A2

A1

C

|C|

D2/E2

D2/E2

△3

⊕ |.015 |A-B Ⓢ| D Ⓢ|

DETAIL 'A'

SEE DETAIL 'B'

BASE PLANE

.060 MIN.

.020 MIN.

.025 MIN.

△7 ▽ |C|

R.025/.045

b1

⊕ |.007 Ⓜ| A-B Ⓢ| D Ⓢ|

b

⊕ |.007 Ⓜ| A-B Ⓢ| D Ⓢ|

DETAIL 'B'

.010 MAX.

.020

.065

.010 MAX.

.020

.065

TITLE:
PACKAGE OUTLINE,
28L, 44L PLCC

maxim integrated™
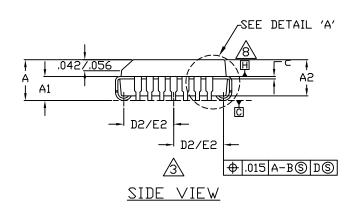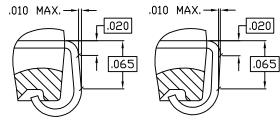
APPROVAL

DOCUMENT CONTROL NO.
21-0692

REV.
A

1/2

-DRAWING NOT TO SCALE-

NOTES:
1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
2. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
3. TO BE DETERMINED AT SEATING PLANE $\boxed{C}$.
4. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD FLASH OR PROTRUSIONS, BUT DO INCLUDE MOLD MISMATCH AND ARE MEASURED AT THE MOLD PARTING LINE. MOLD FLASH OR PROTRUSIONS SHALL NOT EXCEED .008 PER WINDOW FLASH AND .010 CORNER FLASH.
5. DATUMS $\boxed{A}$, $\boxed{B}$ AND $\boxed{D}$ TO BE DETERMINED WHERE CENTER LEADS EXIT PLASTIC BODY AT DATUM PLANE $\boxed{H}$.
6. N IS THE NUMBER OF TERMINALS.
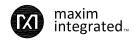7. FORMED LEADS SHALL BE PLANAR WITH RESPECT TO ONE ANOTHER WITHIN .003 INCHES.
8. DATUM PLANE $\boxed{H}$ LOCATED AT TOP OF MOLD PARTING LINE AND COINCIDENT WITH TOP OF LEAD, WHERE LEAD EXITS PLASTIC BODY.
9. PACKAGE TOP DIMENSIONS MAY BE SMALLER THAN BOTTOM DIMENSIONS AND TOP OF PACKAGE WILL NOT OVERHANG BOTTOM OF PACKAGE.
10. THIS PART IS COMPLIANT WITH JEDEC SPEC, MS-018.
11. THE LEAD WIDTH DIMENSION DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSIONS SHALL BE .007 TOTAL IN EXCESS OF THE LEAD WIDTH DIMENSION AT MAXIMUM MATERIAL CONDITION. MINIMUM SPACE BETWEEN PROTRUSIONS AND ADJACENT LEAD TO BE .008.
12. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
13. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

SYMBOL	COMMON DIMENSIONS		
	MIN.	NOM.	MAX.
A	.165	.172	.180
A1	.099	.101	.110
b	.013	–	.021
b1	.026	–	.032
c	.0097	.0100	.0103
e	.050 BSC		

SYMBOL	VARIATION A		
	MIN.	NOM.	MAX.
N	28		
A2	.148	.152	.156
D	.485	.490	.495
D1	.450	.452	.455
D2	.195	.210	.215
E	.485	.490	.495
E1	.450	.452	.455
E2	.195	.210	.215
PKG CODE	Q28-14		

SYMBOL	VARIATION A		
	MIN.	NOM.	MAX.
N	44		
A2	.147	.152	.156
D	.685	.690	.695
D1	.650	.652	.656
D2	.295	.310	.315
E	.685	.690	.695
E1	.650	.652	.656
E2	.295	.310	.315
PKG CODE	Q44-10		

-DRAWING NOT TO SCALE-

maxim integrated™

TITLE:
PACKAGE OUTLINE,
28L, 44L PLCC

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