



COMMON DIMENSIONS						
DIM	INCHES		MM		N	M0047
	MIN	MAX	MIN	MAX		
	A	0.165	0.180	4.20		
A1	0.090	0.120	2.29	3.04		
A2	0.145	0.156	3.69	3.96		
A3	0.020	-	0.51	-		
B	0.013	0.021	0.33	0.53		
B1	0.026	0.032	0.66	0.81		
C	0.009	0.011	0.23	0.28		
e	0.050		1.27			

DIM	INCHES		MM		N	M0047
	MIN	MAX	MIN	MAX		
	D	0.385	0.395	9.78		
D1	0.350	0.356	8.89	9.04		
D2	0.290	0.330	7.37	8.38		
D3	0.200	REF	5.08	REF		
E	0.385	0.395	9.78	10.03		
E1	0.350	0.356	8.89	9.04		
E2	0.290	0.330	7.37	8.38		
E3	0.200	REF	5.08	REF		
PKG CODE	Q20-1, Q20-3					

DIM	INCHES		MM		N	M0047
	MIN	MAX	MIN	MAX		
	D	0.485	0.495	12.32		
D1	0.450	0.456	11.43	11.58		
D2	0.390	0.430	9.91	10.92		
D3	0.300	REF	7.62	REF		
E	0.485	0.495	12.32	12.57		
E1	0.450	0.456	11.43	11.58		
E2	0.390	0.430	9.91	10.92		
E3	0.300	REF	7.62	REF		
PKG CODE	Q28-1, Q28-2, Q28-3, Q28-4, Q28-11, Q28-13					

DIM	INCHES		MM		N	M0047
	MIN	MAX	MIN	MAX		
	D	0.685	0.695	17.40		
D1	0.650	0.656	16.51	16.66		
D2	0.590	0.630	14.99	16.00		
D3	0.500	REF	12.70	REF		
E	0.685	0.695	17.40	17.65		
E1	0.650	0.656	16.51	16.66		
E2	0.590	0.630	14.99	16.00		
E3	0.500	REF	12.70	REF		
PKG CODE	Q44-1, Q44-2, Q44-3, Q44-6, Q44-7, Q44-9					

DIM	INCHES		MM		N	M0047
	MIN	MAX	MIN	MAX		
	D	0.785	0.795	19.94		
D1	0.750	0.756	19.05	19.20		
D2	0.690	0.730	17.53	18.54		
D3	0.600	REF	15.24	REF		
E	0.785	0.795	19.94	20.19		
E1	0.750	0.756	19.05	19.20		
E2	0.690	0.730	17.53	18.54		
E3	0.600	REF	15.24	REF		
PKG CODE	Q52-1					

DIM	INCHES		MM		N	M0047
	MIN	MAX	MIN	MAX		
	D	0.985	0.995	25.02		
D1	0.950	0.958	24.13	24.33		
D2	0.890	0.930	22.61	23.62		
D3	0.800	REF	20.32	REF		
E	0.985	0.995	25.02	25.27		
E1	0.950	0.958	24.13	24.33		
E2	0.890	0.930	22.61	23.62		
E3	0.800	REF	20.32	REF		
PKG CODE	Q68-1					

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
- △ DIMENSIONS D1 AND E1 ARE MEASURED AT THE PARTING LINE AND DO NOT INCLUDE FLASH AND PROTRUSIONS; FLASH AND PROTRUSIONS NOT TO EXCEED .008" PER SIDE.
- LEADS TO BE COPLANAR WITHIN .10mm.
- MEETS JEDEC M0047-XX AS SHOWN IN TABLE.
- ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE,
20L, 28L, 44L, 52L, 68L PLCC

APPROVAL	DOCUMENT CONTROL NO. 21-0049	REV. H	1/1
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