

CARSEM	PROPRIETARY INFORMATION. DO NOT REPRODUCE OR FURTHER DISCLOSE WITHOUT AUTHORIZATION FROM CARSEM	SPEC NO.	ASYML5102
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ATTACHMENT 1

MARKING CAPABILITY FOR MLP PACKAGES



FONT TYPE : EO STANDARD FONT 135

Package {mm}	Character size		Marking capability without logo					Marking capability with logo					
	{mm}	{mm}	Max character per row	Max numbers of row	Max character per row	Max numbers of row	*Pin 1 included	Logo size {mm}	Max character per row	Max numbers of row	Max character per row	Max numbers of row	Pin 1 included
	High	Width	A	A	B	B			A	A	B	B	
0.3x0.6	0.15	0.12	1	1	1	1	Cathode bar	No logo	-	-	-	-	-
1.0x0.6	0.4	0.4	1	1	-	-	Cathode bar	No logo	-	-	-	-	-
1.0x1.0	0.4	0.4	1	1	-	-	No	No logo	-	-	-	-	-
1.0x1.45	0.4	0.4	2	2	2	1	No	No logo	-	-	-	-	-
1.2x1.0	0.4	0.4	1	1	1	1	No	No logo	-	-	-	-	-
1.3x1.6	0.4	0.4	2	2	2	1	No	No logo	-	-	-	-	-
1.4x1.8	0.4	0.4	2	2	2	1	No	No logo	-	-	-	-	-
1.5x1.5	0.4	0.4	2	2	2	2	No	No logo	-	-	-	-	-
1.5x2.0	0.4	0.4	2	3	3	2	No	No logo	-	-	-	-	-
1.8x1.4	0.4	0.4	2	2	2	1	No	No logo	-	-	-	-	-
1.8x3.2	0.4	0.4	2	5	5	1	No	No logo	-	-	-	-	-
2.0x1.0	0.4	0.4	3	1	-	-	No	No logo	-	-	-	-	-
2.0x2.0	0.45	0.45	3	2	3	2	No	No logo	-	-	-	-	-
2.0x3.0	0.45	0.45	3	3	4	2	Yes	No logo	-	-	-	-	-
2.0x5.0	0.45	0.45	4	9	11	3	Yes	No logo	-	-	-	-	-
2.1x1.6	0.45	0.45	3	2	2	3	Yes	No logo	-	-	-	-	-
2.3x2.3	0.45	0.45	3	2	3	2	No	No logo	-	-	-	-	-
2.5x1.5	0.45	0.45	5	2	3	4	No	No logo	-	-	-	-	-
2.5x2.0	0.45	0.45	4	2	2	3	No	No logo	-	-	-	-	-
2.5x2.5	0.45	0.45	5	4	5	4	No	No logo	-	-	-	-	-
2.5x3.0	0.45	0.45	5	5	6	4	Yes	No logo	-	-	-	-	-
2.6x1.8	0.45	0.45	4	2	2	3	Yes	No logo	-	-	-	-	-
3.0x1.6	0.45	0.45	6	2	3	5	Yes	No logo	-	-	-	-	-
3.0x2.0	0.45	0.45	4	2	3	3	Yes	No logo	-	-	-	-	-
3.0x3.0	0.6	0.5	4	3	4	3	Yes	No logo	-	-	-	-	-
3.0x4.0	0.6	0.5	5	4	6	4	No	No logo	-	-	-	-	-
3.2x2.5	0.6	0.5	5	3	3	4	No	No logo	-	-	-	-	-
3.3x3.3	0.6	0.5	5	4	5	4	No	No logo	-	-	-	-	-

*Pin 1 will consider as a character if not included.

*MLP X3 package 0.3x0.6mm only can be operated under EO BSM364 model system.

Remarks: Character Height and Width tolerance +/- 0.02 mm.

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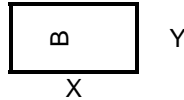
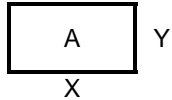
Package {mm}	Character size		Marking capability without logo					Marking capability with logo					
	{mm}	{mm}	Max character per row	Max numbers of row	Max character per row	Max numbers of row	*Pin 1 included	Logo size {mm}	Max character per row	Max numbers of row	Max character per row	Max numbers of row	Pin 1 included
	High	Width	A	A	B	B			A	A	B	B	
3.0x4.9	0.6	0.5	5	5	7	4	No	No logo	-	-	-	-	-
3.25x4.5	0.6	0.5	6	6	8	4	Yes	No logo	-	-	-	-	-
3.3x1.5	0.45	0.45	6	2	3	5	Yes	No logo	-	-	-	-	-
3.5x3.0	0.6	0.5	6	3	5	4	No	No logo	-	-	-	-	-
3.5x3.5	0.6	0.5	5	3	5	3	Yes	No logo	-	-	-	-	-
3.5x4.0	0.6	0.5	5	3	6	3	Yes	No logo	-	-	-	-	-
3.5x4.5	0.6	0.5	5	4	6	3	Yes	No logo	-	-	-	-	-
4.0x3.0	0.6	0.5	6	4	5	5	Yes	No logo	-	-	-	-	-
4.0x3.5	0.6	0.5	6	3	5	4	Yes	No logo	-	-	-	-	-
4.0x4.0	0.6	0.5	5	4	5	4	Yes	1.5x1.5	5	2	5	2	Yes
4.0x6.5	0.6	0.5	8	7	11	5	Yes	1.5x1.5	6	5	7	5	Yes
4.0x5.0	0.6	0.5	5	4	4	6	Yes	1.5x1.5	5	2	6	2	Yes
4.0x6.0	0.6	0.5	7	7	11	5	Yes	1.5x1.5	6	5	7	5	Yes
4.5x3.5	0.6	0.5	6	3	5	4	Yes	No logo	-	-	-	-	-
4.5x4.5	0.6	0.5	7	5	7	5	Yes	1.5x1.5	7	3	7	3	Yes
5.0x3.0	0.6	0.5	8	3	4	6	Yes	No logo	-	-	-	-	-
5.0x3.2	0.6	0.6	7	3	4	5	Yes	No logo	-	-	-	-	-
5.0x4.0	0.6	0.5	6	4	5	4	Yes	1.5x1.5	6	2	5	2	Yes
5.0x5.0	0.6	0.5	6	4	6	4	Yes	2x2	6	2	6	2	Yes
5.0x6.0	0.6	0.5	6	5	7	4	Yes	2x2	6	3	7	2	Yes
5.0x7.0	0.7	0.5	6	5	4	9	Yes	2x2	6	4	9	2	Yes
5.5x3.5	0.6	0.5	9	4	6	6	Yes	No logo	-	-	-	-	-
6.0x3.0	0.6	0.5	10	4	5	7	Yes	No logo	-	-	-	-	-
6.0x5.0	0.7	0.5	7	4	6	5	Yes	2x2	7	2	6	3	Yes
6.0x6.0	0.7	0.5	7	5	7	5	Yes	2x2	7	3	7	3	Yes
6.0x7.0	0.7	0.5	7	5	9	5	Yes	2x2	7	3	9	3	Yes

*Pin 1 will consider as a character if not included.

Remarks : Character Height and Width tolerance +/- 0.02 mm.

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FONT TYPE : EO STANDARD FONT 135

Package {mm}	Character size		Marking capability without logo					Marking capability with logo					
	{mm}	{mm}	Max character per row	Max numbers of row	Max character per row	Max numbers of row	*Pin 1 included	Logo size {mm}	Max character per row	Max numbers of row	Max character per row	Max numbers of row	Pin 1 included
	High	Width	A	A	B	B		A	A	B	B		
7.0x5.0	0.7	0.5	9	4	6	5	Yes	2x2	9	2	6	4	Yes
7.0x6.0	0.7	0.5	9	5	7	5	Yes	2x2	9	3	7	4	Yes
7.0x7.0	0.7	0.5	9	5	9	5	Yes	2x2	9	4	9	4	Yes
7.0x9.0	0.7	0.5	10	8	14	6	Yes	2x2	10	5	14	3	Yes
7.0x11.0	0.7	0.5	9	9	5	15	Yes	2x2	10	7	15	3	Yes
8.0x8.0	0.7	0.5	11	6	11	6	Yes	2x2	11	4	11	4	Yes
9.0x9.0	0.7	0.5	12	7	12	7	Yes	2x2	12	5	12	5	Yes
10.0x10.0	0.7	0.5	14	8	14	8	Yes	2x2	14	6	14	6	Yes
10.0x5.0	0.7	0.5	16	4	7	10	Yes	2x2	16	2	7	8	Yes
11.0x5.0	0.7	0.5	17	5	7	10	Yes	2x2	17	3	7	8	Yes
11.0x7.0	0.7	0.5	15	5	9	9	Yes	2x2	15	3	9	7	Yes
11.0x11.0	0.7	0.5	17	10	17	10	Yes	2x2	17	7	17	7	Yes
12.0x12.0	0.7	0.5	19	11	19	11	Yes	2x2	19	9	19	9	Yes

*Pin 1 will consider as a character if not included.

Remarks : Character Height and Width tolerance +/- 0.02 mm.