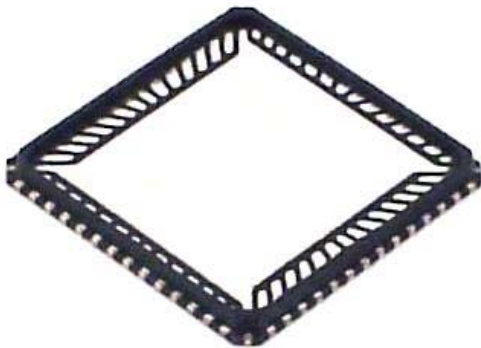


QP-MLF Series Available
With or Without
Perimeter Dam Wall
Quik-Pak® Open Cavity Package

1.

**QP-MLF Open Cavity
With Perimeter Dam Wall**

Wall thickness 0.25mm reduces cavity dimensions and
may cause difficulty when wire bonding larger die.



**QP-MLF After Die Assembly
and Encapsulation**



Part Number Suffix is Blank
Example: QP-MLF32M.5

2.

**QP-MLF Open Cavity
Without Perimeter Dam Wall**

Recommended for easier wire bonding.



**QP-MLF After Die Assembly
With Glob Top**



Part Number Suffix –NW
Example: QP-MLF32M.5-NW

Glob Top is flattened to permit better marking.



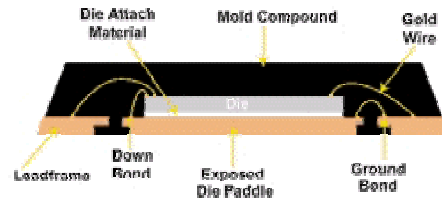
Tel 1-714-898-3830

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www.TopLine.tv

Preliminary

**QP-MLF Series Available
With or Without
Perimeter Dam Wall
Quik-Pak® Open Cavity Package**



Cross Sectional View

Max. Die Size is smaller when “down bonding” wires to die paddle or ground.

Body Size	Leads	Pitch	Max. Die Size	Max Die Size with “Down Bonding “	Part Number Without Wall (Recommended)	Part Number With Wall
3mm	12	0.5mm	1.05mm	0.55mm	QP-MLF12M.5-NW	QP-MLF12M.5
3mm	16	0.5mm	1.05mm	0.55mm	QP-MLF16M.5-NW	QP-MLF16M.5
4mm	20	0.5mm	1.65mm	1.15mm	QP-MLF20M.5A-NW	QP-MLF20M.5A
4mm	20	0.5mm	2.05mm	1.55mm	QP-MLF20M.5-NW	QP-MLF20M.5
4mm	24	0.5mm	2.05mm	1.55mm	QP-MLF24M.5-NW	QP-MLF24M.5
5mm	28	0.5mm	2.65mm	2.15mm	QP-MLF28M.5A-NW	QP-MLF28M.5A
5mm	28	0.5mm	3.05mm	2.55mm	QP-MLF28M.5-NW	QP-MLF28M.5
5mm	32	0.5mm	3.05mm	2.55mm	QP-MLF32M.5-NW	QP-MLF32M.5
6mm	36	0.5mm	3.65mm	3.15mm	QP-MLF36M.5-NW	QP-MLF36M.5
6mm	40	0.5mm	4.05mm	3.55mm	QP-MLF40M.5-NW	QP-MLF40M.5
7mm	44	0.5mm	3.25mm	2.75mm	QP-MLF44M.5A-NW	QP-MLF44M.5A
7mm	44	0.5mm	4.65mm	4.15mm	QP-MLF44M.5-NW	QP-MLF44M.5
7mm	48	0.5mm	5.05mm	4.55mm	QP-MLF48M.5-NW	QP-MLF48M.5
8mm	52	0.5mm	6.05mm	5.55mm	QP-MLF52M.5-NW	QP-MLF52M.5
8mm	56	0.5mm	6.05mm	5.55mm	QP-MLF56M.5-NW	QP-MLF56M.5

Body Size	Leads	Pitch	Max. Die Size	Max Die Size with “Down Bonding “	Part Number Without Wall (Recommended)	Part Number With Wall
3mm	8	0.65mm	1.05mm	0.55mm	QP-MLF8M.65-NW	QP-MLF8M.65
4mm	16	0.65mm	1.65mm	1.15mm	QP-MLF16M.65A-NW	QP-MLF16M.65A
4mm	16	0.65mm	2.05mm	1.55mm	QP-MLF16M.65-NW	QP-MLF16M.65
5mm	20	0.65mm	3.05mm	2.55mm	QP-MLF20M.65-NW	QP-MLF20M.65
5mm	20	0.65mm	2.65mm	2.15mm	QP-MLF20M.65A-NW	QP-MLF20M.65A
6mm	28	0.65mm	3.65mm	3.15mm	QP-MLF28M.65-NW	QP-MLF28M.65
7mm	32	0.65mm	5.05mm	4.55mm	QP-MLF32M.65-NW	QP-MLF32M.65
4mm	12	0.8mm	1.65mm	1.15mm	QP-MLF12M.8A-NW	QP-MLF12M.8A
4mm	12	0.8mm	2.05mm	1.55mm	QP-MLF12M.8-NW	QP-MLF12M.8
5mm	16	0.8mm	2.65mm	2.15mm	QP-MLF16M.8-NW	QP-MLF16M.8
6mm	20	0.8mm	3.65mm	3.15mm	QP-MLF20M.8-NW	QP-MLF20M.8
7mm	28	0.8mm	5.05mm	4.55mm	QP-MLF28M.5-NW	QP-MLF28M.8
7mm	28	0.8mm	4.65mm	4.15mm	QP-MLF28M.5A-NW	QP-MLF28M.8A
8mm	32	0.8mm	6.05mm	5.55mm	QP-MLF32M.8-NW	QP-MLF32M.8