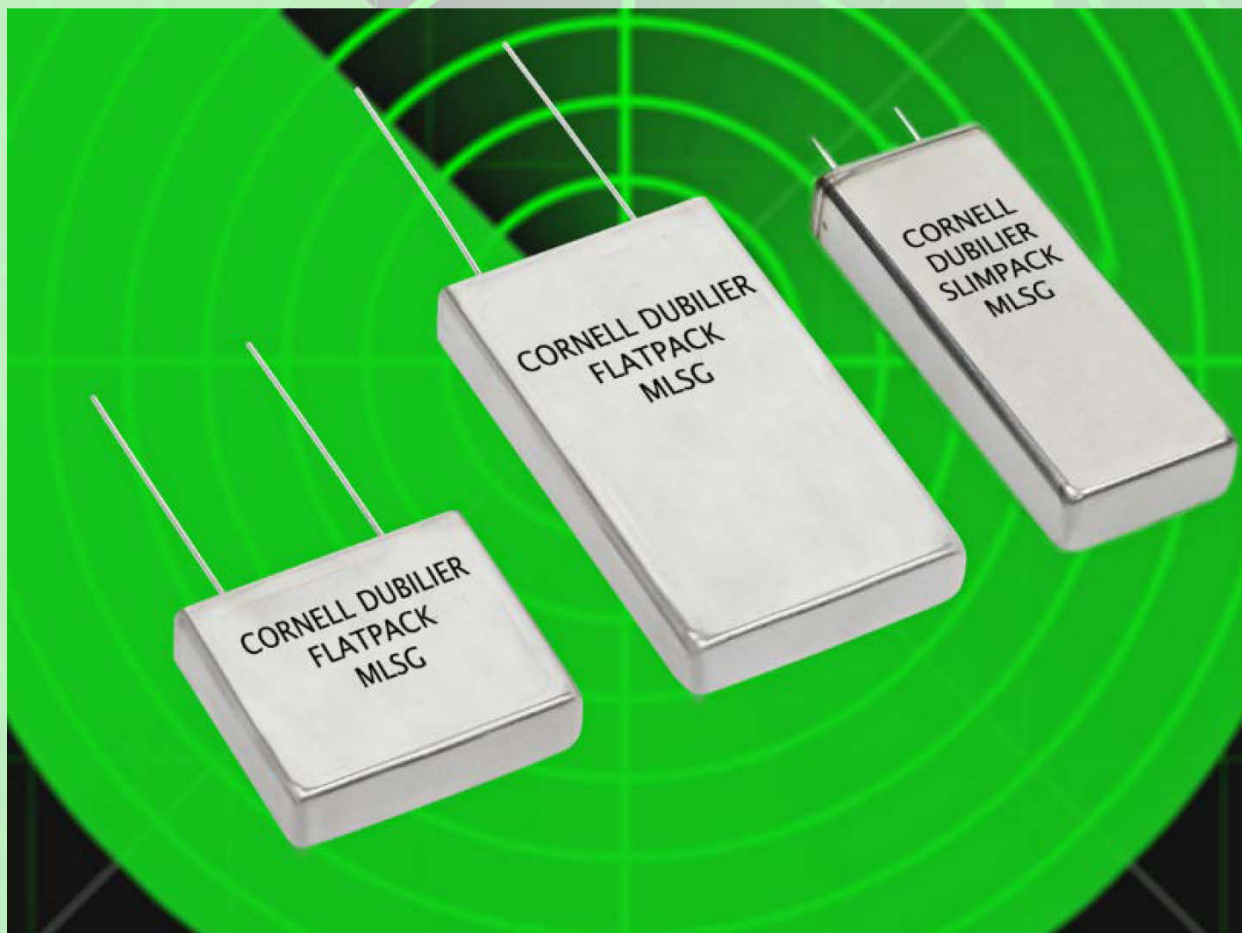


Introducing MLSG Flatpack and MLSG Slimpack



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10H9.7Y4E
P098.732N
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08MN.87F3
7UN6.090J
H7LO.876J
Z3H7.98YB
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JK98.0PLI
HY67.KI89
V654.98JQ
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U82S.NY65
8HJ6.E32Q
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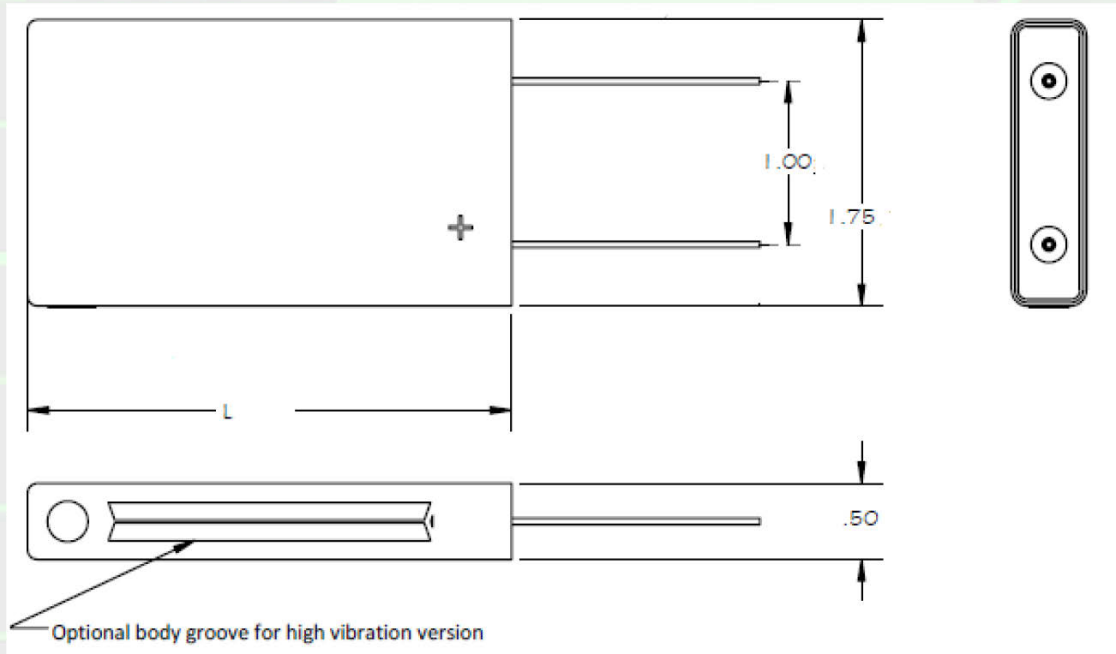
120I.3213
987R.0987
W234.T452

What is the MLSG Technology?

- MSLG is our Next Generation Flatpack technology intended for new designs.
- MSLG is a stainless steel Flatpack that has 2.5 times the life of the MLS
 - **MSLG Life Test: 5000 hr at Vr, 125°C**
 - MLS Life Test: 2000 hr at Vr, 125°C
- MSLG is near-hermetic.
- MSLG is REACH compliant, uses electrolyte that is environmentally compatible
- MSLG is being introduced in two package types:
 - Flatpack package with the same sizes as MLS
 - Slimpack package: 1.0" wide x 0.5" thick, available in 1.5", 2.0", 2.5" and 3.0" L

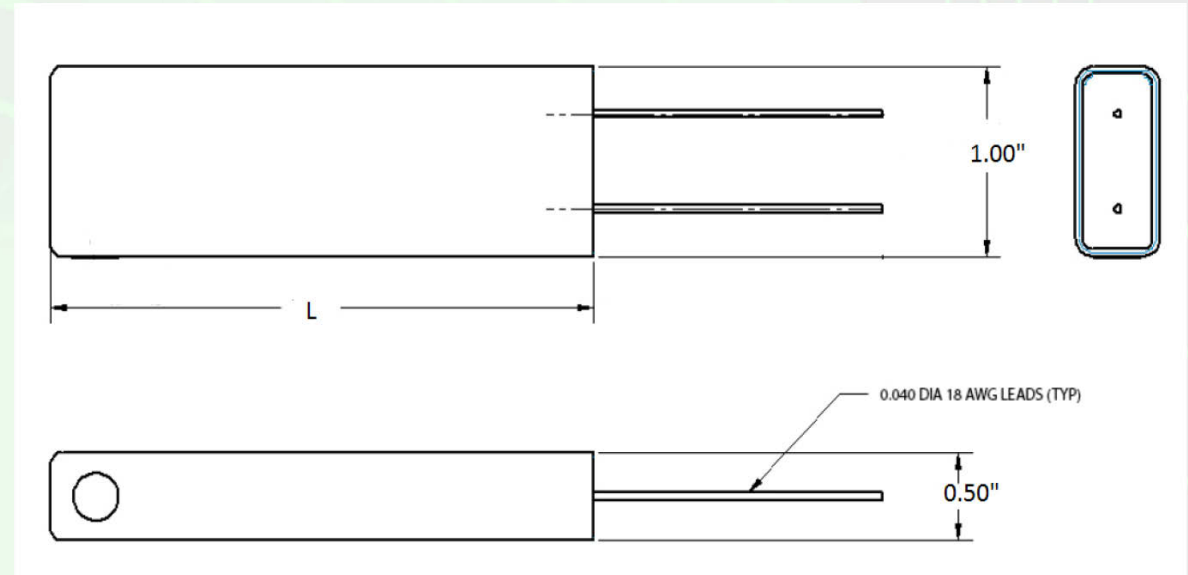
MLSG Technology Available in Two Package Styles

MLSG Flatpack: Stainless Steel



Available Lengths: 1.5", 2.0", 2.5", 3.0"

MLSG-Slimpack : Stainless Steel



Available Lengths: 1.5", 2.0", 2.5", 3.0"

Comparison of MLSG and MLS Flatpack Technology



	New! MLSG FlatPack	MLS
Case Material	Stainless Steel	Stainless Steel
Life Test	5000 hr @ Vr, 125°C	2000 hr @ Vr, 125°C
Temp Range	-55°C to +125°C	-55°C to +125°C
Reach Compliant?	Yes	No
High Vibration Option Available?	Yes	Yes
High Reliability Option Available?	Yes	Yes
Hermetic?	No	No
Pricing	Currently priced same as MLS	Anticipate price increase for MLS
Size: 1.0" x 0.5"	1.5", 2.0", 2.5", 3.0" L Custom lengths available	1.5", 2.0", 2.5", 3.0" L Custom lengths available
For New Design?	Yes	No (unless no other alt)

Comparison of MLSG Slimpack and MLSH

	New! MLSG Slimpack	MLSH
Case Material	Stainless Steel	Stainless Steel
Life Test	5000 hr @ Vr, 125°C	5000 hr @ Vr, 125°C
Temp Range	-55°C to +125°C	-55°C to +125°C
Reach Compliant?	Yes	Yes
High Vibration Option Available?	Yes	Yes
High Reliability Option Available?	Yes	Yes
Hermetic?	No	Yes
Pricing	Lower price than MLSH	Hermetic price is lower than wet Tantalum, higher than MLSG
Size: 1.0" x 0.5"	1.5", 2.0", 2.5", 3.0" Custom lengths available	1.5" Standard 2.0", 2.5", 3.0" custom
For New Design?	Yes	Yes



When To Use MLSG Technology?

All new power designs needing a flat form factor but not requiring hermetic capacitors.

- Longer life
- REACH compliant
- Same price as MLS. Future price increase anticipated for MLS

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