

GLASS SEALED | ALUMINUM

60% Lighter
Than Stainless
Steel Equivalent

HERMETIC CONNECTORS



**A Revolutionary Way
to Lose Weight!**

HermAlum™
TECHNOLOGY

**Aluminum Glass-to-Metal
Sealed True Hermetic
Connectors**



**Two aluminum hermetic connectors weigh less
than one stainless steel hermetic connector.**

Deutsch Engineered Interconnect Solutions, long known for offering tough, durable connectors for extreme applications now introduces its new, next generation **HermAlum™ Technology**. This highly robust, versatile, and reliable hermetic connector is constructed with aluminum alloy shell and solid copper contacts. HermAlum™ connectors meet or exceed the performance requirements of all standard hermetic connector specifications.

Deutsch EIS will manufacture aluminum hermetic connectors to your specific, high performance interconnection needs including: MIL-DTL-38999 (Series I, II, III or IV), MIL-DTL-26482, MIL-DTL-5015, MIL-DTL-83723, MIL-DTL-26500 and MIL-DTL-24308.

VIBRATION	TEMPERATURE	INSULATION RESISTANCE
Frequency 50-2000Hz Amplitude .0352 In. Duration, 4 Hrs Per Axis Mil-Std-1344, Method 2005	Operative Temperatures from -36° F to 392° F.	5 GΩ@ 500 VDC Temp. 75° F. 2 Minute Maximum Electrification.
PHYSICAL SHOCK	CORROSION	DURABILITY
No unlocking or electrical Discontinuity when tested per Mil-Std-1344, Method 2004 @ half sine wave of 300g.	48 hours @ 94° F. Solution% Per Mil-Std-1344 Method 1001.	500 cycles of engagement per Mil-DTL-38999
HERMETICITY	DIELECTRIC WITHSTANDING	MOISTURE
1 X 10 ⁷ cc/sec of He @ one atmosphere (14.7 psi) Differential	#22 1000 VAC @ 60Hz #20 1300 VAC @ 60Hz #16 1700 VAC @ 60Hz #12 1700 VAC @ 60Hz	Meets or exceeds Mil-DTL- 38999

DEUTSCH

ENGINEERED INTERCONNECT SOLUTIONS

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