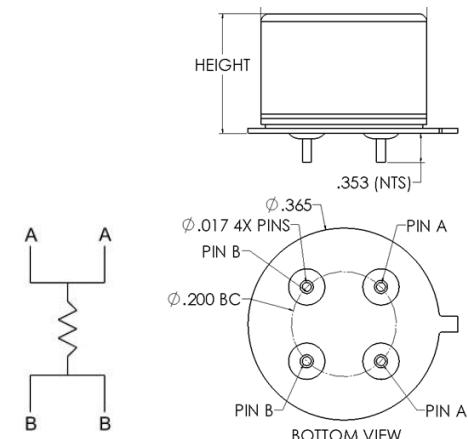




- LEEFI = Low Energy Exploding Foil Initiator (EFI)
- Packaged in a convenient TO-5 can with orientation tab.
- Inherently safer than hotwire detonators.
- Qualified to MIL-DTL-23659, Appendix A.
- Meets energetic materials requirements of MIL-STD-1901 & MIL-STD-1316 for in-line high-voltage devices, using only listed/approved explosives (HNS IV & PBXN-5).
- It contains no primary explosives. *There is no ZPP, lead azide, lead styphnate or PETN in these devices.*
- Applications include:
  - Initiate TBIs and ETL devices.
  - Activate FTS, ESAD and other systems.
  - Initiate booster charges
  - Activate pin pullers, pushers, pyro valves and other ordnance devices
- High production quantity capable. Designed for automated assembly.
- Suitable for foreign sales with proper export license.
- Proven performance with Teledyne TBIs.



Part No.	Body Dia. (in)	Body Height (in)	Dent Depth (in)	Energetics	Applications
10003000-501	.308-.318	.308-.328	.032 +/- .008	HNS IV & PBXN-5	Initiating boosters, larger charges, etc.
10003000-503	.308-.318	.220-.250	.005 +/- .003	HNS IV	Initiating TBIs, ETLs, etc.
10003000-505	.308-.318	.308-.328	N/A	INERT	INERT Device
10003000-507	.308-.318	.308-.328	.032 +/- .008	HNS IV & PBXN-5	Same as -501 except non hermetic seal

Export Status	Dept. of Commerce 1A007.b.4
Construction	TO-5 can, hermetic, laser welded, glass sealed header, gold plated Kovar pins
Hermetic seal	$1.0 \times 10^{-6}$ atm-cc/sec Air
Environmental	Per MIL-DTL-23659
Temperature	-66°C to +85°C
Thermal shock/humidity	MIL-STD-331, Test C1, Two chamber method, 28 days, -54°C to +71°C
Mechanical Shock	MIL-STD-202, 0.5 ms duration, ½ sine, 2000G minimum
Vibration	MIL-STD-331, Test B3, using the level of Table B3-1 for general fuzes
Drop	Safe after 1.5 meter drop
ESD	25kV, 500pf, 500 ohm, pin-pin (no damage to detonator)
Fireset Requirements	Contact TE
Reliability	>99.9% @ 95% confidence level
Storage Life	10 years
Bridge Resistance	125 milli-Ohms maximum, measured from both A pins to both B pins