

The 6U Conduction-Cooled Hex Drive Injector/Ejector utilizes a M3 captive screw with standard hex drives, enabling the end user to reduce the number of tools needed by only requiring the hex tool for insertion or extraction of the module.

OPTIMIZED FOR VITA 48.2 AND cPCI



FEATURES

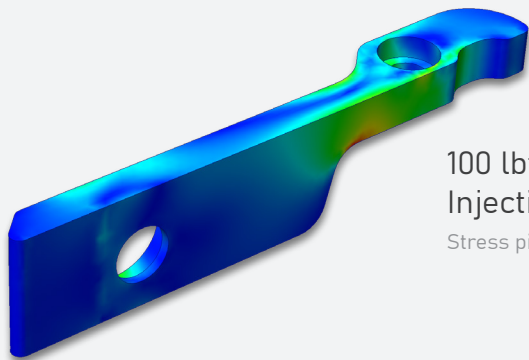
- Field Replaceable
- Captive Screw
- Injection/Ejection
- VITA 48.2 Compliant
- VME Compliant
- cPCI Compliant
- Low-Profile Design
- Ergonomic Design
- 3D Models Available

MATERIAL

- Ejector
 - Aluminum AL7075-T7351
- Hardware
 - SS316 Passivated AMS 2700
- Retainer Ring
 - Nylon

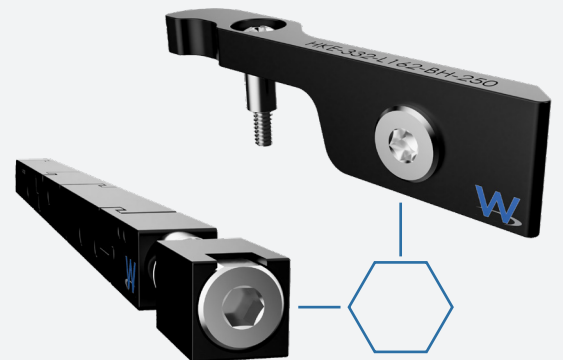
OpenCOTS™

DESIGN - SIMULATE - TEST



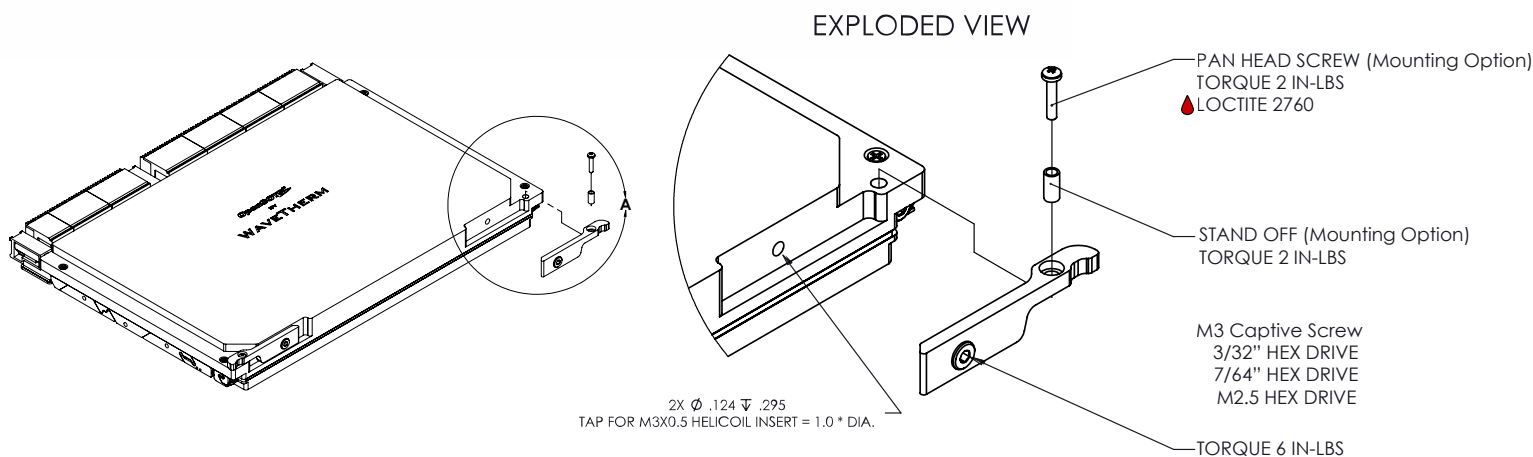
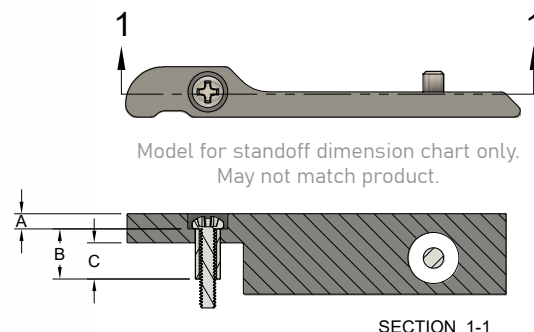
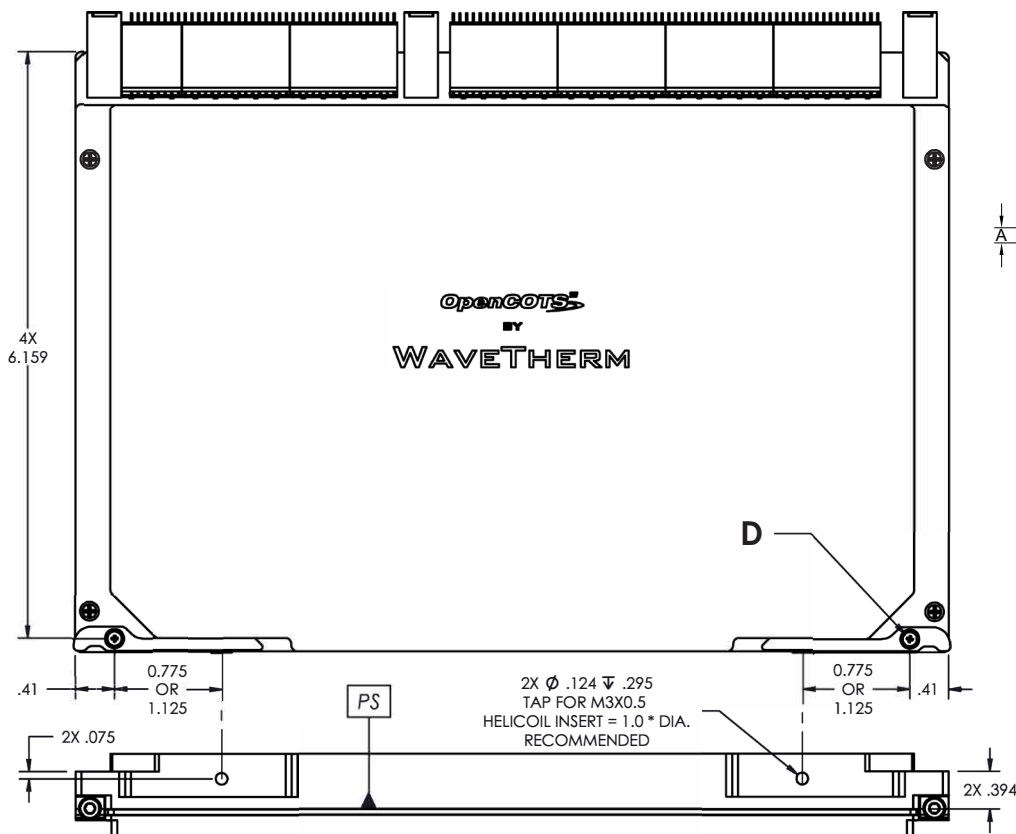
100 lbf Max
Injection/Ejection Force
Stress pictured at max force

ONE TOOL EXTRACTION



One hex key can remove Wedge Locks and Injector/Ejectors, minimizing tools for the maintainer.

Standoff Length [PN]	A	B	C	D
.1875" [HKE-XXX-XXXX-XX-1875]	.075"	.1875"	.117"	2X $\varnothing.130 \pm .003$ $\downarrow.107$ TAP M2 THRU
.250" [HKE-XXX-XXXX-XX-250]	.075"	.250"	.18"	2X $\varnothing.130 \pm .003$ $\downarrow.170$ TAP M2 THRU
.3125" [HKE-XXX-XXXX-XX-3125]	.075"	.3125"	.243"	2X $\varnothing.130 \pm .003$ $\downarrow.233$ TAP M2 THRU



PART NUMBER BUILDER

Required

Opt

Required

Optional

HKE - **XXX** **Y** - **X** **XXX** - **XX** - **YYYY**

Family:

HEX KEY INJECTOR/EJECTOR

Hex:

3/32" HEX KEY - [332]

7/64" HEX KEY - [764]

M2.5 HEX KEY - [M25]

Opt:

(OPTIONAL)
[E] EXTENDED THREADS

R/L:

[R] - RIGHT
[L] - LEFT

Length

1.62" - [162]

1.97" - [197]

2.04" - [204]

Finish:

Mounting:

BLANK - NO STANDOFF OR SCREWS

[1875] - .1875" STANDOFF, M2x8 & M2x10

[250] - .250" STANDOFF, M2x10 & M2x12

[3125] - .3125" STANDOFF, M2x12 & M2x14



BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2 [BA]

HARD BLACK ANODIZE PER MIL-A-8625, TYPE III, CLASS 2 [BH]

CHEMICAL FILM CLEAR [CC]

CHEMICAL FILM GOLD [CG]

ELECTROLESS NICKEL [EN]

See last page for
more plating info

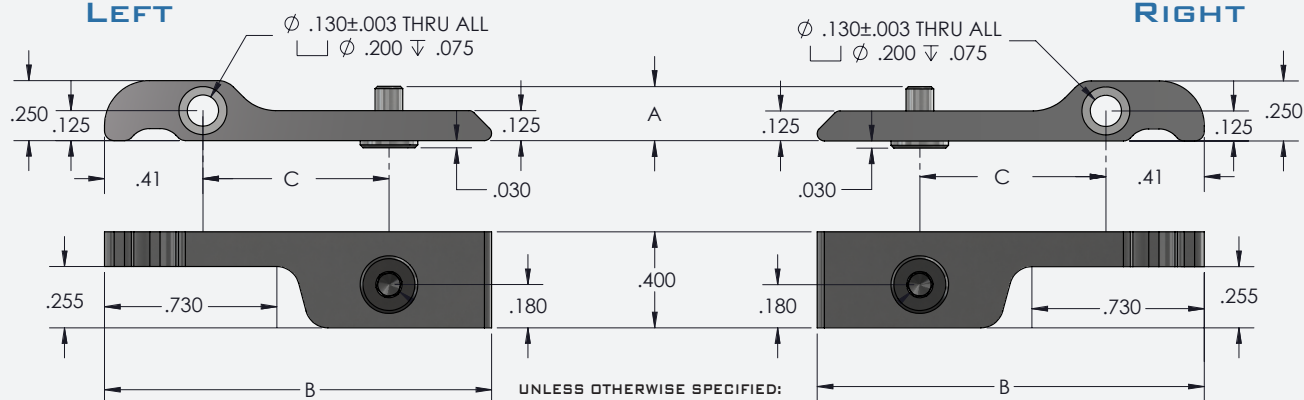
EXAMPLES



HKE-332E-R162-BA

HKE-332E-R162-BA-250

LEFT



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES: TWO PLACE DECIMAL $\pm .01$ | THREE PLACE DECIMAL $\pm .005$

Part Number	A	B	C
HKE-332-L162-XX-XXX	5.75 MM	1.62"	0.775"
HKE-332E-L162-XX-XXX	7.0 MM	1.62"	0.775"
HKE-332-L197-XX-XXX	5.75 MM	1.97"	1.125"
HKE-332E-L197-XX-XXX	7.0 MM	1.97"	1.125"
HKE-332-L204-XX-XX	5.75 MM	2.04"	1.125"
HKE-332-L204E-XX-XXX	7.0 MM	2.04"	1.125"

Part Number	A	B	C
HKE-332-R162-XX-XXX	5.75 MM	1.62"	0.775"
HKE-332E-R162-XX-XXX	7.0 MM	1.62"	0.775"
HKE-332-R197-XX-XXX	5.75 MM	1.97"	1.125"
HKE-332E-R197-XX-XXX	7.0 MM	1.97"	1.125"
HKE-332-R204-XX-XXX	5.75 MM	2.04"	1.125"
HKE-332-R204E-XX-XXX	7.0 MM	2.04"	1.125"

Standard material specs for WaveTherm's SOLIDWEDGE™, injector/ejectors, and OpenCOTS products.

ASSEMBLY HARDWARE



300 SERIES STAINLESS STEEL

Compliance	Specification	Use Case
✓ DFARS	Passivated per	Standard material for screws, nuts, washers, and SOLIDWEDGE™ straps in WaveTherm product assemblies.
✓ RoHS	AMS-2700	
✓ REACH		

ALUMINUM PLATING



BLACK ANODIZED - BA

Compliance	Specification	Properties and Use Case
✓ RoHS	MIL-A-8625	Provides reliable corrosion resistance and durability. Ideal for use in demanding applications requiring high insertion/extraction counts.
✓ REACH	Type II Class 2	



BLACK ANODIZED HARDENED - BH

Compliance	Specification	Properties and Use Case
✓ RoHS	MIL-A-8625	Provides superior corrosion resistance and high durability. Ideal for use in harsh and rugged environments with high insertion/extraction counts.
✓ REACH	Type III Class 2	



CHEMICAL FILM CLEAR - CC

Compliance	Specification	Properties and Use Case
✓ RoHS	MIL-DTL-5541	Provides good corrosion resistance and electrical conductivity with lower durability. Not ideal for high insertion/extraction counts.
✓ REACH	Type II Class 1A Clear	



CHEMICAL FILM GOLD - CG

Compliance	Specification	Properties and Use Case
✗ RoHS	MIL-DTL-5541	Provides good electrical conductivity with lower durability. Not suited for high insertion/extraction counts.
✗ REACH	Type I Class 1A Gold	
	or* Class 1A Gold	



ELECTROLESS NICKEL - EN

Compliance	Specification	Properties and Use Case
✓ RoHS	MIL-C-26074	Provides excellent thermal performance and excellent electrical conductivity. Ideal for high-performance thermal management.
✓ REACH	Class 4 Grade B	
	or* AMS-C-26074 Class 4 Grade B	

Images for demonstration only

*varies based on plating vendor's certificates of conformance