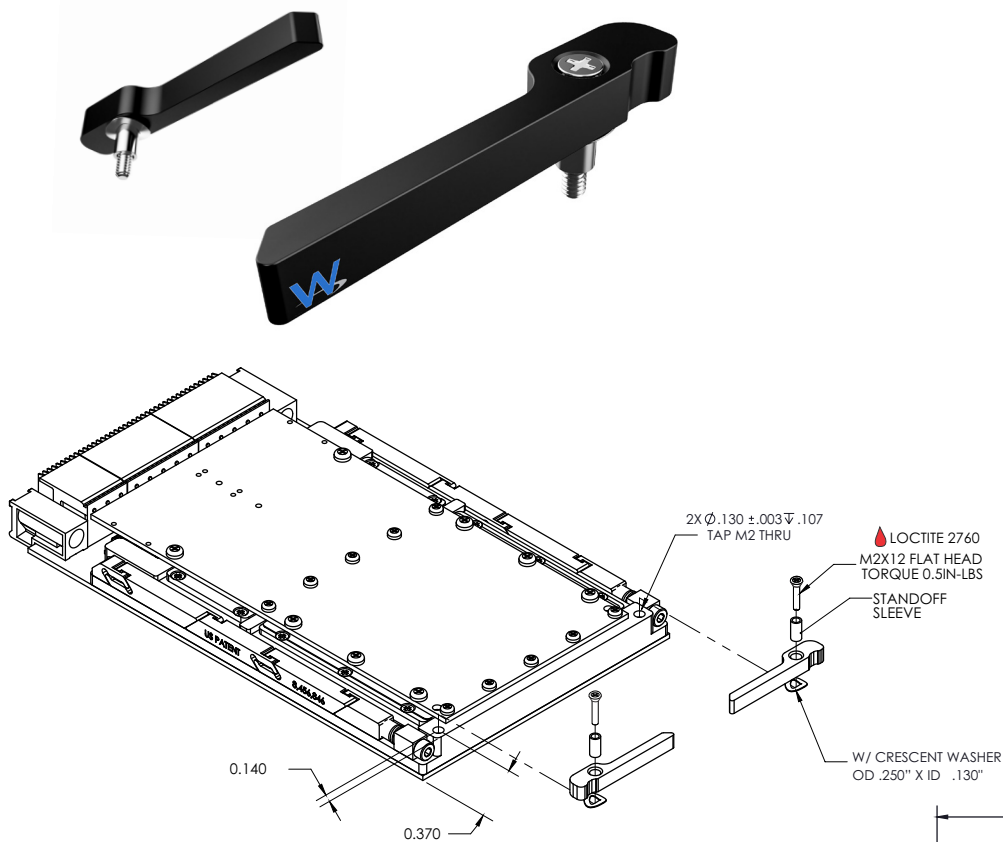


The OpenCOTS 3U ejectors represent an innovative approach to create a field replaceable inject/eject handle for cPCI and VME/VPX designs. The ejector handles are ergonomically designed to provide a mechanical advantage entering and exiting a chassis slot.

### OPTIMIZED FOR VITA 48.2 AND cPCI



### FEATURES

- 0.19" Max Ejection
- 3.3x Mechanical Advantage
- Up to 160 lbs Insertion/Extraction force
- VME and cPCI Compliant
- Universal / Reversible
- Ergonomic Design
- 3d Models Available

### MATERIALS

- Body: Aluminum AL7075-T7351
- Hardware: 300 Series Stainless Steel (passivated per AMS - 2700)

### PART NUMBER BUILDER

**14121 - XX - XXXX**

Ejector Style

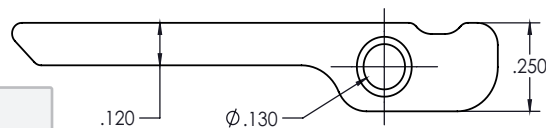
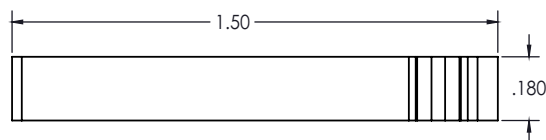
Finish

Mounting

- NONE - NO MOUNTING HARDWARE
- [1875] - .1875" STANDOFF, M2 SCREW & WASHER
- [250] - .250" STANDOFF, M2 SCREW & WASHER
- [3125] - .3125" STANDOFF, M2 SCREW & WASHER

- [BA] BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2
- [BH] HARD BLACK ANODIZE PER MIL-A-8625, TYPE III, CLASS 2
- [CC] CHEMICAL FILM CLEAR
- [CG] CHEMICAL FILM GOLD
- [EN] ELECTROLESS NICKEL

See last page for more plating info



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES:  
TWO PLACE DECIMAL ±.01  
THREE PLACE DECIMAL ±.005

**OpenCOTS™**

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<br>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<br>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<br>Class 1A<br>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<br>Class 1A<br>Gold |   |
|            | or*<br>Class 1A<br>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<br>Grade B                       |  |
|            | or*<br>AMS-C-26074<br>Class 4<br>Grade B |  |

Images for demonstration only

\*varies based on plating vendor's certificates of conformance