WAKEFIELDTHERMAL
RUGGED & DEFENSE

484E SMART LEVER DATA SHEET

The smart lever is the best choice for confidently securing heat frames within dynamic environments. After frame engagement within a chassis, the smart lever applies continuous pressure on electrical or fluid connections. This lever allows for critical tolerance compensation within rugged environments.

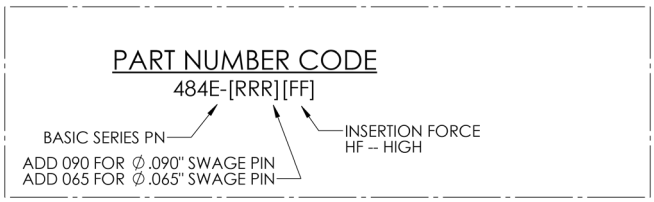
FEATURES

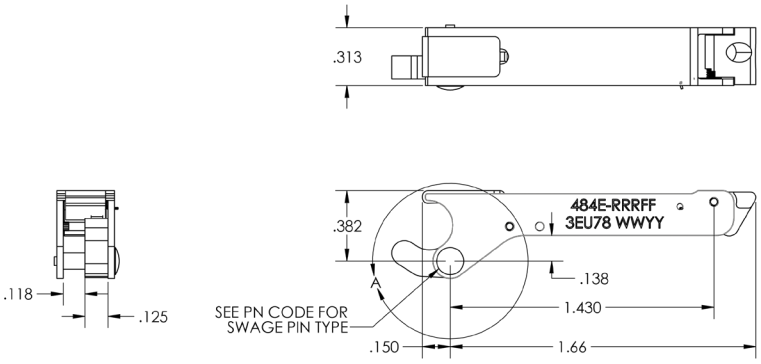
- Designed for VITA 48.2, 48.4 and 48.5
- Smart tolerance compensation
- Locks to frame with catch
- Applies constant pressure on electrical or fluid connectors
- Universal left hand or right hand mounting

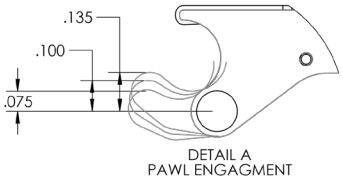
For complete heatframe assembly or other component items,

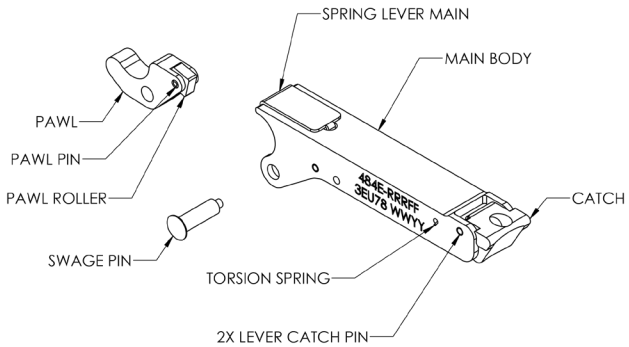
CONTACT WAKEFIELD

SMART LEVER DIMENSIONS









MATERIAL AND FINISH

MAIN BODY AND CATCH
MATERIAL:
ALUMINUM ALLOY 6061-T6
FINISH:
HARD ANODIZE PER MIL-A-8625, TYPE III, CLASS 2

MAIN SPRING LEVER
MATERIAL:
17-7 PH, TH 1050, SS PER AMS 528
FINISH:
BLACK OXIDE PER MIL-DTL-13924

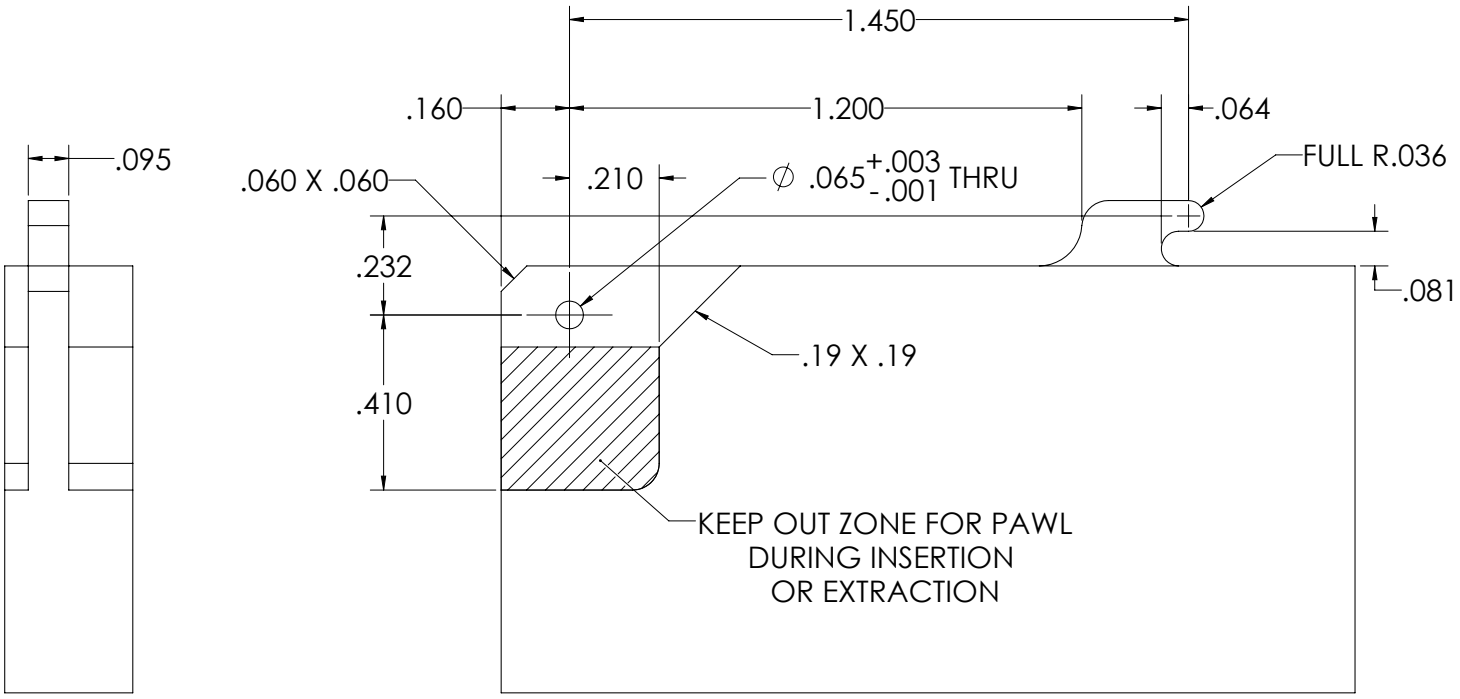
PAWL ROLLER
MATERIAL:
304 1/2 H SS PER AMS5639
FINISH:
PASSIVATE PER AMS 2700

CATCH TORSION SPRING
MATERIAL:
SPRING TEMPER 302 SS PER AMS 5688
FINISH:
PASSIVATE PER AMS 2700

PAWL
MATERIAL:
304 1/2 H SS PER AMS5639.
FINISH:
BLACK OXIDE COATING PER MIL-DTL-13924

ALL OTHER HARDWARE
MATERIAL:
17-4 PH CRES, H1025 PER AMS 5643
FINISH:
PASSIVATE PER AMS 2700

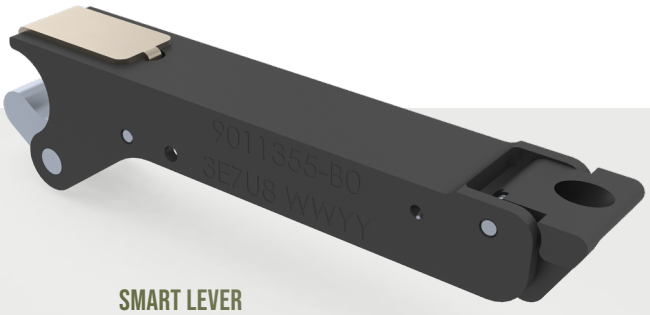
RECOMMENDED FRAME MOUNTING DIMENSIONS



* Corresponds to -065 configuration

NEED DESIGN ASSISTANCE?

Wakefieldthermal.com



SMART LEVER

THERMAL SOLUTIONS SEGMENT

APPLIED SOLUTIONS GROUP
THE HEICO COMPANIES

COOLVATION
Innovative Thermal Solutions

5 STEP
THERMAL ENGINEERING GUIDE
From Concept To Cooling

COOLVATION provides thermal management engineering services to improve products' thermal performance while applying cost effective solutions to eliminate unnecessary manufacturing costs. COOLVATION is a seamless resource extension for our customers' thermal & mechanical engineering teams from ideation to lab testing.

Customer Thermal Challenge
Physical limitations
Power constraints
Air flow/ fluid conditions
Environmental conditions
Component specifications
Define ideal state

01 STEP

Execution
Concept analysis
(CFD-ansys/ ice pack, fin optimizations software)
Solid model
Analysis & verification
Cost analysis

02 STEP

Collaboration
Review conditions
Statement of work to customer
Historical consideration along with cutting edge technologies to provide cost effective solution

03 STEP

Global Manufacturing
Global manufacturing facilities
Global warehousing
Global labs to support future program

04 STEP

Solution & Verification
Dedicated new product development center
Prototype
Physical thermal lab testing
Proven manufacturability

05 STEP

WAKEFIELDTHERMAL

CIA DESIGN

VETTE CORP.

Coolcentric™

PRECISION ENGINEERING LLC
ADVANCED METALWORKING | Fabricating Solutions, Forming Results