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## Series 3225 - Product Specification

### Part Number Code:

**3225 MVW BA - X.XX H L R**

**ACCR Series**

**Hardware Option:**  
 1st Position Blank = 3/32" Hex Socket - Std  
 M = Metric 2.5 Hex Socket Head On Screw  
 V = Visual Lock Indicator (Add .20" To Screw Length)  
 W = Lock And Flat Washer (Add .06" To Screw Length)

**Finish Option:**  
 BA = Black Anodize Per Mil-A-8625, Type II, Class 2  
 BH = Black Hard Anodize Per Mil-A-8625, Type III, Class 2  
 CC = Chem-Film Clear Per Mil-C-5541 (ROHS)  
 CG = Chem-Film Gold Per Mil-C-5541  
 EN = Electroless Nickel Per Mil-C-26074  
 BL = Black Hard Anodize With Dry Film Lube Per Mil-L-46010  
 RA = Red Anodize Per Mil-A-8625, Type II, Class 2

**Option R = Locknut for Retaining The Screw**

**Option L = Locking Element On Screw Threads**

**Mounting Options:**  
 E = Extra Mounting Hole  
 H = C'bore .156" Dia. X .200" Deep X .068/.073" Dia.  
 Hole Thru, CSK 100 Degree X .140" Dia.  
 T0 = 0-80 Tapped Thru Holes  
 T2 = 2-56 Tapped Thru Holes  
 TM2 = Metric 2 Tapped Thru Holes  
 TM2.5 = Metric 2.5 Tapped Thru Holes  
 P = Indexing Pins .062 x .050" (two positions only)

**Assembly Length in decimal inches:**  
 Standard Lengths = 2.80, 3.80 and 4.80  
 Other Lengths Or Specifications On Request.

**MATERIALS:**  
 - Wedges, Body Made From 6061-T6 Alum Per ASTM-B221  
 - All Hardware Stainless Steel per ASTM-A582 or QQ-S-763, passivate per MIL-S-5002, AMS-QQ-P35, ASTM-A967

**FEATURES:**  
 - Stainless Steel Lock/Flat Washers  
 - Designed For Vibration, Shock And Thermal Transfer  
 - Can Be Mounted To PCB Before Or After Assembly  
 - Excellent Clamping Force  
 - Design Flexibility - Length, Finish Or Other Requirements Available  
 - Economical, Top Quality, Fast Delivery  
 - **All Parts/Materials Made in USA (DFAR's compliant)**

Note: Drawings are not to scale.

**UNLOCKED**  
 Red head of screw exposed.  
 → .33" ←

**LOCKED**  
 Red head concealed inside cup.  
 (adds .20" to length of screw)

Locking Element applied to screw threads increases prevailing torque for added resistance to shock and vibration to insure circuit card retainer remains secure (per MIL-F-18240).

Stainless steel locknut (MS21043-04) installed to prevent unintentional disassembly of the rear wedge when the circuit card retainer is relaxed. (add .100" to length of screw)

**"V" Option:**  
 Provides color code on the screw head as a visual indicator the circuit card retainer is locked.

**"L" Option:**  
 Adds Lock Patch to screw threads for additional resistance to shock and vibration.

**"R" Option:**  
 Add MS21043 Lock Nut to prevent unintentional disassembly of rear wedge.