NIST PMI Test Models - 2012

Test Model 3

2X Ø.438 ±.005

| ⊕ | Ø.05Ⓜ | A | BⓂ | CⓂ |

Ø2.00 ±.01

| ⊕ | Ø.06 | D | B | C |

(.750)

| ⌓ | .03 | A | B | C |

D

.01

| ⌓ | .01 |

A 2 COPLANAR SURFACES

4X Ø.625 ±.005

| ⊕ | Ø.05Ⓜ | D | B | C |

SWITCH MOUNTING LOCATIONS

Ø.438 ±.005

C | ⊕ | Ø.02 | A | B |

Datum Feature F not referenced - justifies placing MCS at center of large hole on flange

Ø1.065 ±.003

| ⊥ | Ø.01 | E |

F

| ⟋ | .04 | A |

| ⟋ | .005 / .25 X .25 |

| ⌓ | .06 | A | B | C |

E

Ø.438 ±.005

B | ⊥ | Ø.01 | A |

4X .82 ±.06

Ø1.500 ±.005

| ⊕ | Ø.08 | D | B | C |

| ⊕ | .03 | D | B | C |
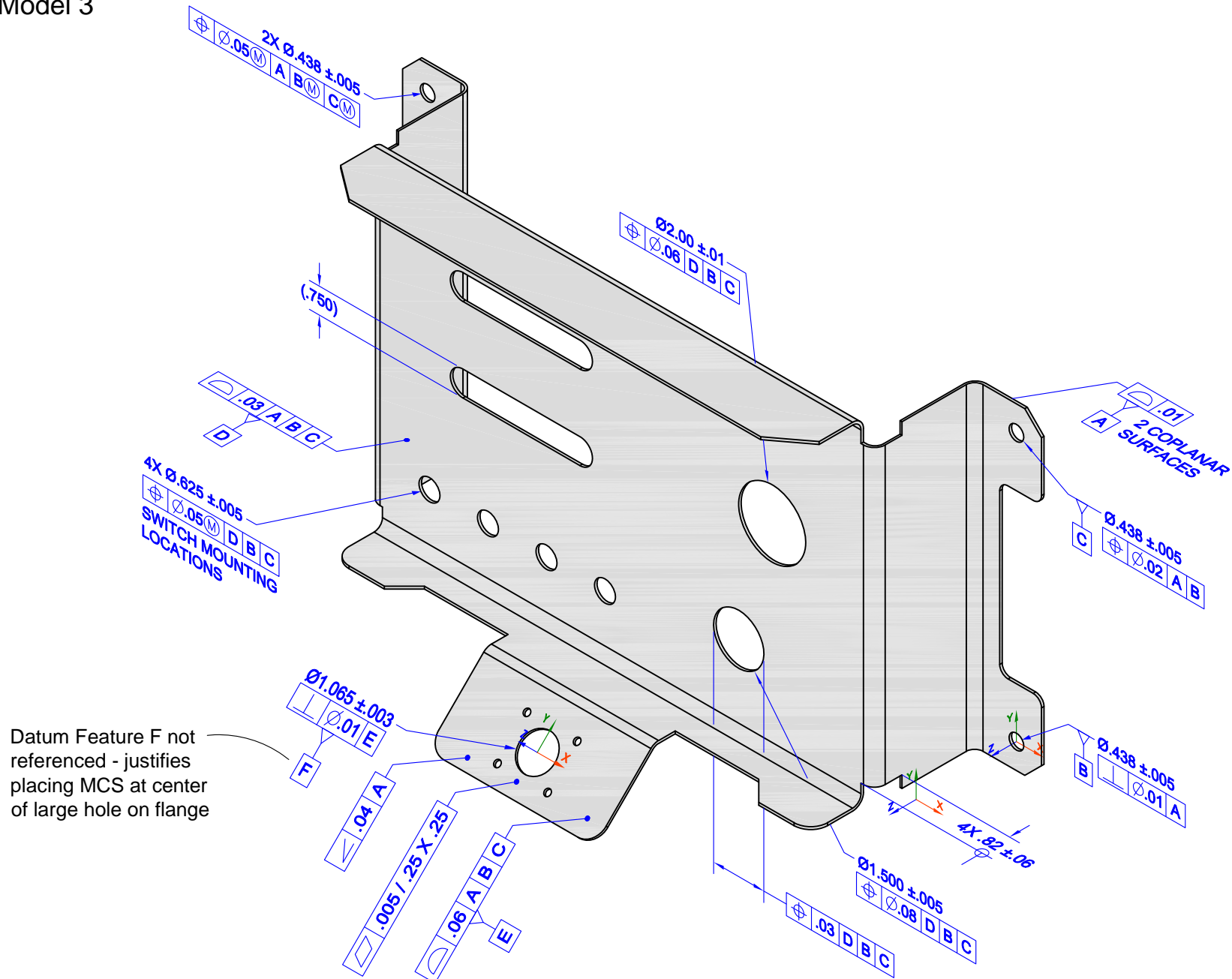
PMI Complex Test Case 3
Includes Atomic Test Cases - 6, 13, 14, 20, 27, 32, 36, 39, 45, 46

Rev C