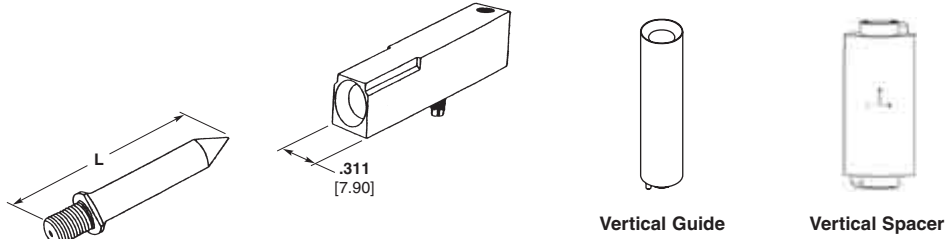


Backplane and Co-Planar Guide Modules

Un-keyed Guide Modules

Stainless Steel Pin
Die Cast Receptacle
Multiple thread lengths available
Gatherability +/-0.100"

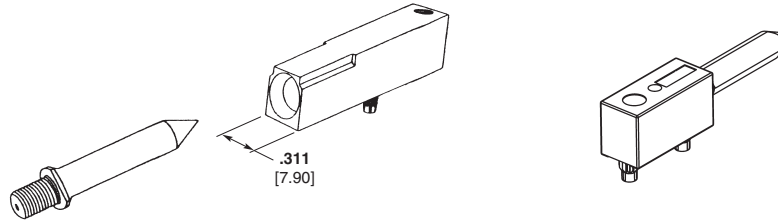
Seating Tool — Part Number 224440-1
Board Support Fixture — Part Number 217603-1



Type	Dim. L	Part Number			
		Vertical Guide Pin	Right-Angle Guide Module	Vertical Guide Module	Vertical Spacer Module
M4, 6.2 mm Thread Length	1.235 [31.36]	223956-1			
M4, 7.5 mm Thread Length	1.269 [32.23]	223982-1	5223957-1 (As Shown)		1645545-1 (15 mm)
M4, 12.7 mm Thread Length	1.491 [37.86]	223969-1		1934988-1	
8-32, 12.7 mm Thread Length	1.491 [37.86]	223969-4	5223979-1 (with Dual Mounting Position)		1645545-2 (18 mm)
M4, 9.2 mm Thread Length	1.353 [34.36]	223969-7			
M4, Internal Thread	1.378 [35.00]	1857988-1			

Keyed Guide Modules

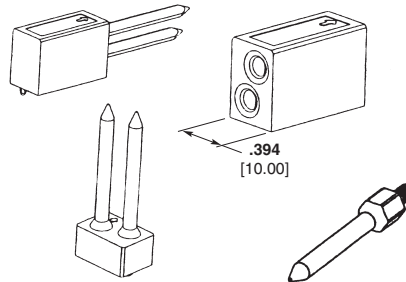
Die Cast Pin and Receptacle
Keyed to prevent mis-mating daughter cards
Multiple thread lengths available
Gatherability +/-0.100"



Type	Right-Angle Guide Module		Vertical Pin	Right-Angle Pin
	4-40	M2.5		
0°	5223986-1	5120913-1		1469265-1
90°	5223986-3	5120913-3		1469265-3
180°	5223986-5	5120913-5	5223985-1	1469265-5
225°	5223986-6	5120913-6		1469265-6

AdvancedTCA Guide Modules

Die Cast Pins and Receptacles
Keyed to prevent mis-mating daughter cards
Twin Pins — provide more keying options
Meets PICMG 3.0 Specifications
Gatherability +/-0.50"



Type	Part Number			AdvancedTCA Module Designation
	Both Pins Keyed 0°	Top Pin Keyed 270° Bottom Pin Keyed 90°	Not Keyed	
Right-Angle Pin Long	1-1469372-1	3-1469372-7	—	A2
Vertical Pin Short	1-1469387-1	3-1469387-7	—	A1
Vertical Pin Long	1-1469388-1	3-1469388-7	—	A2
Right-Angle Receptacle	1-1469373-1	3-1469373-7	1469374-1	K1/K2
Single Pin Rear Assembly	—	—	1469269-X*	rK1

*-X identified by PCB thickness. See customer drawing for details.

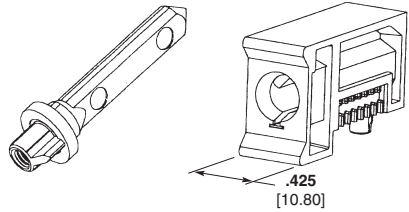
AdvancedTCA is a trademark of PICMG-PCI Industrial Computer Manufacturers Group, Inc.

Note: All part numbers are RoHS compliant.

Backplane and Co-Planar Guide Modules (Continued)

10.8 Guide Modules

Rugged design — to support heavier cards
 Better gatherability +/-3.5 mm
 10.8 mm width
 Die Cast Pin
 Die Cast Receptacle
 ESD Ground Option
 Finish: Nickel plated

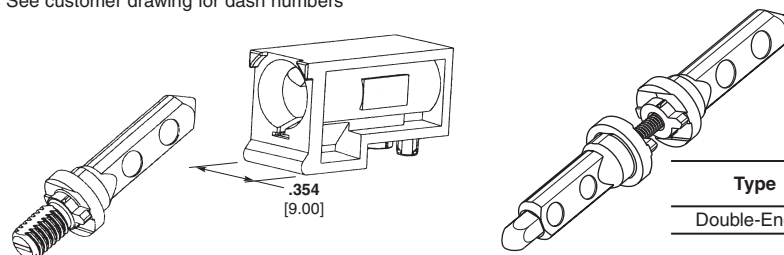


Type	Part Number			
	Right-Angle		Vertical Pin	
	With ESD	Without ESD	Internal M3.5 Thread	External M5 Thread
0	1-1410297-1	1-1410546-1		
90	1-1410297-3	1-1410546-3	1410548-3	
180	1-1410297-5	1-1410546-5		1-1410773-2
225	1-1410297-6	1-1410546-6		

*See customer drawing for dash numbers

9.0 VITA 46 Guide Modules

Die Cast Pins and Receptacles
 Keyed to prevent mis-mating daughter cards
 Meets VITA 46 Specification
 Gatherability +/-3.5 mm
 Finish: Silver plated



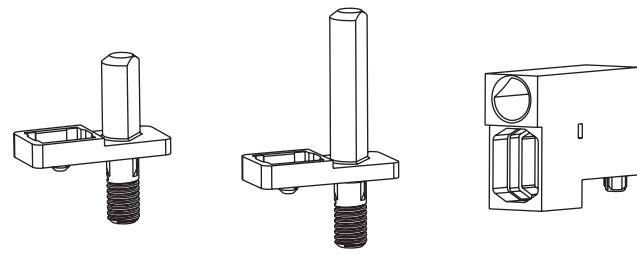
Type	Part Number
Double-Ended	1410956-1

Type	Right-Angle*	Vertical Pin Thread Depth		
		10 mm	11.6 mm	13.1 mm
0°	1-1469492-1			
45°	1-1469492-2			
90°	1-1469492-3			
270°	1-1469492-7	1-1469491-2	1-1469491-3	1-1469491-4
315°	1-1469492-8			
Un-keyed	1-1469492-9			

*Mounting screw Part Number 1410946-X required

VITA 41 Guide Modules

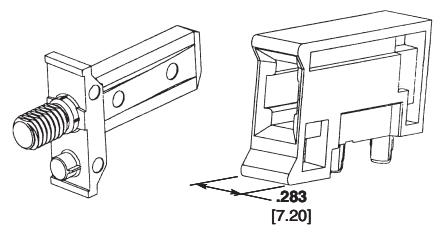
Die Cast Pins and Receptacles
 Meets VITA 41 Specification
 Gatherability +/-2 mm
 Finish: Clear Chromate



Key	Part Number		
	Vertical Short Pin	Vertical Long Pin	Right-Angle Module
0°	1410962-1	1410963-1	1410465-1
270°	1410962-7	1410963-7	1410465-7

7.2 Thin Guide Modules

Die Cast Pin and Receptacle
 7.2 mm width
 Gatherability +/-2.5 mm
 Finish: Trivalent Chromium



Right-Angle	Part Number	
	Vertical Pin Thread Length	
	8.7 mm	11.6 mm
1410714-3	1-1410710-1	1-1410710-3

Note: All part numbers are RoHS compliant.