



**CODING KEYS**

**APPLICATION**

For those IEEE 1101.10 applications with keying requirements, but do not have front panels. IEEE 1101.10 specifications provides a method for keying slots using programming keys inserted into the front panel assembly and card guide.

Conduction Cooled Modules used in military and ruggedized systems do not use this front panel system. VITA 1.6 standard provides a method of keying for these types of systems.

**FEATURES**

- Complies with ANSI VITA 1.6 Standard
- Gold or Clear Chem Film aluminum bracket
- 6 configurations per coding bracket set
- 36 configurations in a 6U conduction cooled application
- Up to 1296 Keying combinations in a 6U non-conduction cooled application
- Complimentary mounting hardware included

**MATERIALS AND FINISH**

**CODE KEY BRACKETS**

**Material:**

Aluminum Alloy 6061-T6 QQA-200/8

**Finish:**

Mil-C Class 1A, Type 1, Gold or

Mil-DTL-5541 Class 3, Type II, Clear

**CODE KEY PINS**

**Material:**

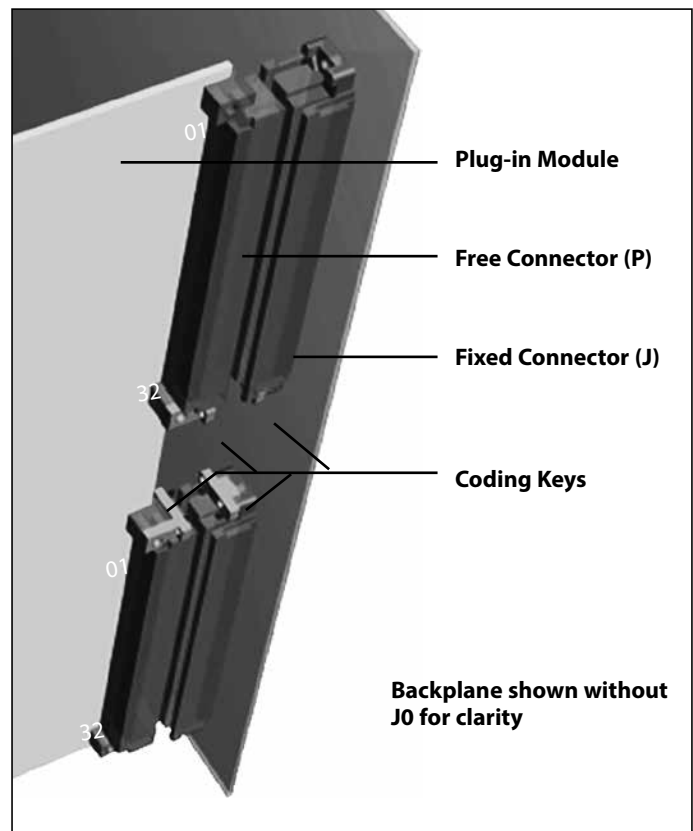
Austenitic Stainless Steel

**Finish:**

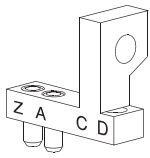
None

**WEIGHT**

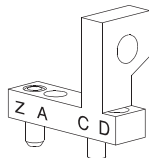
100 pcs. = 0.32 lbs.



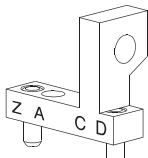
# VITA 1.6 CONDUCTION COOLED KEYING



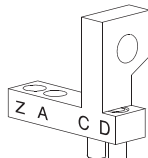
CD key pair



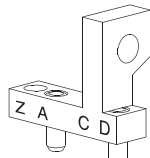
AD key pair



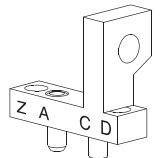
AC key pair



ZA key pair



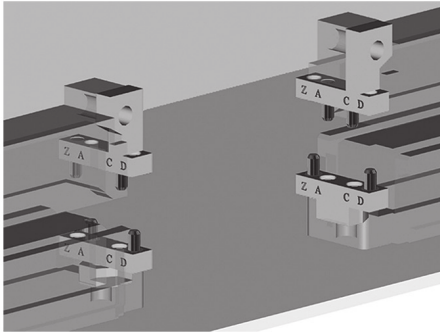
ZC key pair



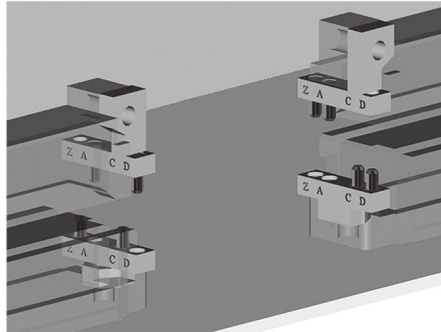
ZD key pair

The drawings above are representative of the J32 and P32 configurations. J01 and P01 are mirror images.

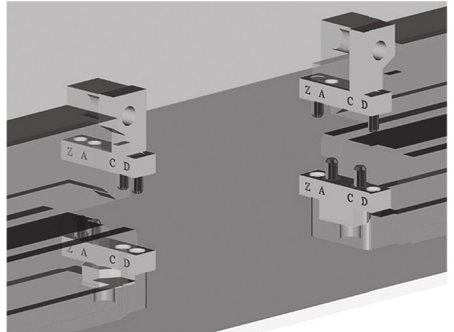
## Samples of coding key usage



CCKP01-AD  
mates with  
CCKJ01-AD



CCKP32-ZD  
mates with  
CCKJ32-ZD



CCKP01-ZA  
mates with  
CCKJ01-ZA

CCKP01-ZC  
mates with  
CCKJ01-ZC

CCKP32-CD  
mates with  
CCKJ32-CD

CCKP01-ZA  
mates with  
CCKJ01-ZA

CCKP32-AC  
mates with  
CCKJ32-AC

### Part Number Code Conduction Cooled Keying

CCK	X	X	-	X	-	X	-	X
<b>Board or Backplane</b>								
Free Connector:		P						
Fixed Connector:		J						
<b>Connector End</b>								
01						01		
32						32		
<b>Keying Configuration</b>								
ZA							ZA	
ZC							ZC	
ZD							ZD	
AC							AC	
AD							AD	
CD							CD	
<b>Thread Type</b>								
Metric 2.5mm x .45 thread:							[blank]	
Imperial 2-56 thread:								1
Imperial 2-56 locking helicoil:								2
Metric 2.5mm x .45 locking helicoil:								3
<b>Finish Type</b>								
Chem Film Gold								[blank]
Chem Film Clear								CC

### Also available in Kit Form (see contents example below)

CCK-KIT	-X	-X
<b>Keying Configuration</b>		
ZA		ZA
ZC		ZC
ZD		ZD
AC		AC
AD		AD
CD		CD
<b>Thread Type</b>		
Metric 2.5mm x .45 thread:		[Blank]
Imperial 2-56 thread:		-1
Imperial 2-56 locking helicoil:		-2
Metric 2.5mm x .45 locking helicoil:		-3
<b>Example of Kit Contents:</b>		
<b>CCK-KIT-ZA</b>		
Qty	Item	
1	CCKP01-ZA	
1	CCKJ01-ZA	
1	CCKP32-ZA	
1	CCKJ32-ZA	
4	Complimentary Mounting Screws	
4	Washers	



**SCHROFF**

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