

VITA 1.6 Conduction Cooled Keying

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

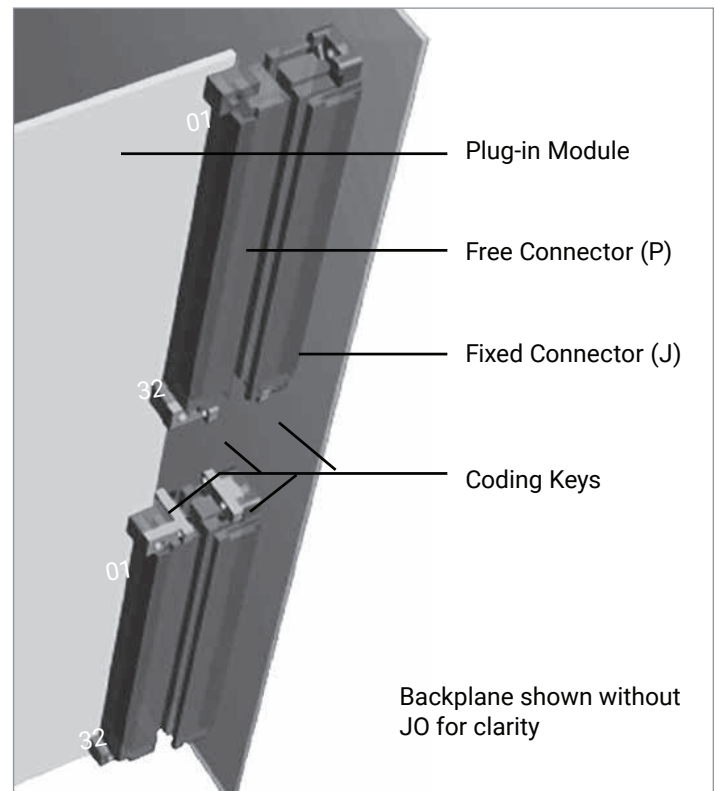
- **Material:** Aluminum Alloy 6061-T6 QQA-200/8
- **Finish:** Mil-C Class 1A, Type 1, Gold or Mil-DTL-5541 Class 3, Type II, Clear

CODE KEY PINS

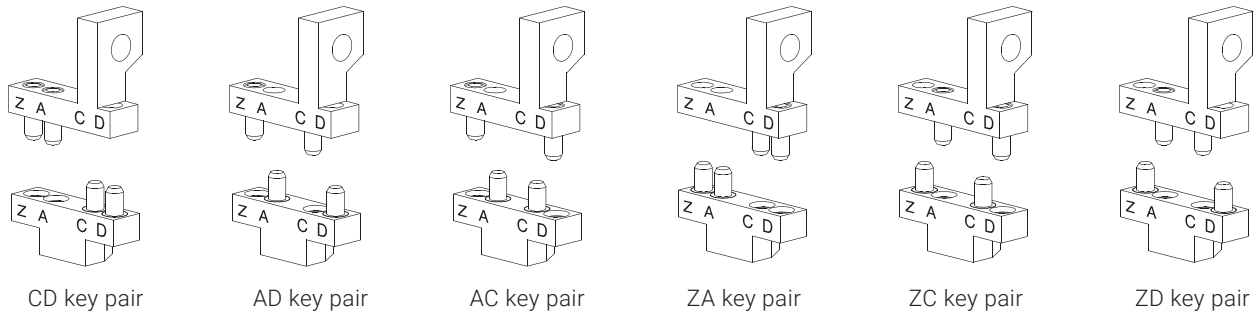
- **Material:** Austenitic Stainless Steel
- **Finish:** Passivated per AMS2700

WEIGHT

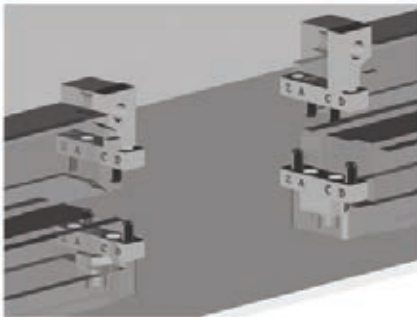
- 100 pcs. = 0.32 lbs.



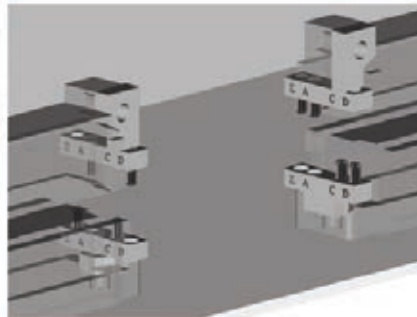
VITA 1.6 CONDUCTION COOLED KEYING



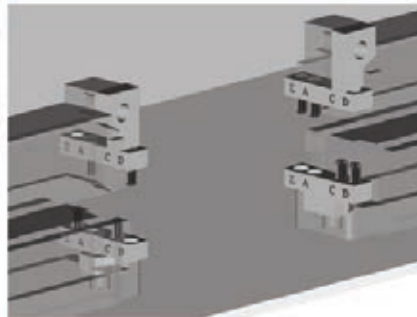
The drawings above are representative of the J32 and P32 configurations. J01 and P01 are mirror images.



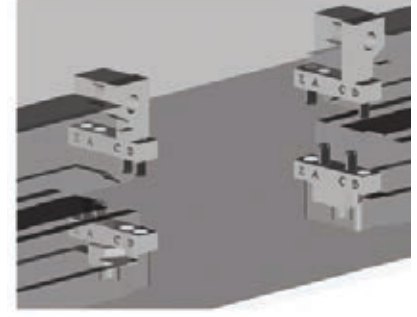
CCKP01-AD mates with CCKJ01-AD



CCKP32-ZD mates with CCKJ32-ZD



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	CCK	X	X	X	X	X
Board or Backplane						
Free Connector:	P					
Fixed Connector:	J					
Connector End						
01		01				
32		32				
Keying Configuration						
ZA			ZA			
ZC			ZC			
ZD			ZD			
AC			AC			
AD			AD			
CD			CD			
Thread Type						
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			
Finish Type						
Chem Film Gold			[blank]			
Chem Film Clear			CC			

Also available in Kit Form (see contents example below)		CCK-KIT	X	X
Keying Configuration				
ZA			ZA	
ZC			ZC	
ZD			ZD	
AC			AC	
AD			AD	
CD			CD	
Thread Type				
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	
Example of Kit Contents:				
CCK-KIT-ZA				
Qty	Item			
1	CCKP01-ZA			
1	CCKJ01-ZA			
1	CCKP32-ZA			
1	CCKJ32-ZA			
4	Complimentary Mounting Screws			
4	Washers			

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