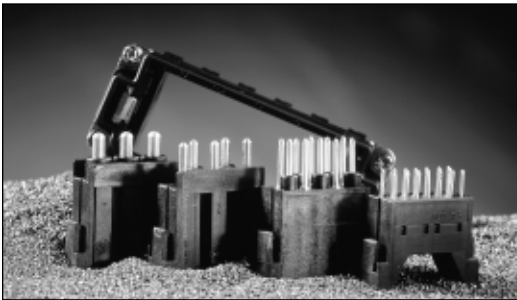


Mix and Match Modular Connections

- Signal, fiber optic, control and power connections **all in one connection point.**
- 2, 3, 5 and 7 slot insert holders provide unlimited flexibility.
- Standard single inserts:
 - 3 pole Coax Signal
 - 3 pole, 50A, 600 VAC
 - 4 pole +G, 5 pole 16A, 600VAC
 - 5 pole, 20A, 400VAC
 - 10 pole, 10A, 250VAC or 10 pole, POF (fiber optic)
 - 20 pole, 5A, 63VAC
 - Dummy block
- Standard B series Hoods and Bases



Easy insert removal

How to Specify

- ▶ Select types of contacts/circuits (see above).
- ▶ Select number of each (per insert above).
- ▶ Add up to get holder size
e.g.: 2-POF + 2-50A + 8-10A = 3 inserts plus 3-slot holders.
- ▶ Match holder size required to hood and base options (mating).

Contacts + Inserts + Insert Holder + Housing

Pos-E-Kon™

M (3P Coax) Series 1.5 Amps 50 VAC



Specifications

Number of Poles	3
Termination Method	Crimp (or solder)
Contacts	Solid Drilled, 3.6mm CoAxial Copper Alloy, Gold Plated
Rated Current	1.5A
Rated Voltage	50V
Volume Resistance	≤6 milliohms
Surge Impedance	50 Ohms
Frequency Range	2 GHz

Inserts

Coax Pin & Sleeve


3 Positions


Crimp Terminal Inserts		3P CoAx
	Male Insert	MC303M
	Female Insert	FC203M



Pos-E-Kon™

Contacts

Tools		
	Crimping Tool	CT700TB
	RG174, 179, 316 Crimp Die RG58 Crimp Die	CD710TB CD720TB
	Contact Removal Tool	RT000TB
	Insert Puller	PT300TB

Male Crimp Contacts		
	Male Coax Pin Contact	MCX500
	Cable Size/Type	RG-174 RG-179 RG-316
	Male Coax Pin Cotact	MCX510
	Cable Size/Type	RG-58

Female Crimp Contacts		
	Female Coax Pin Contact	FCX400
	Cable Size/Type	RG-174 RG-179 RG-316
	Female Coax Pin Cotact	FCX410
	Cable Size/Type	RG-58


Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M



Pos-E-Kon™

M (3P) Series 50 Amps 600 VAC



Specifications

Number of Poles	3
Termination Method	Crimp
Contacts	Solid Drilled, 3.6mm Copper Alloy, Silver Plated
Rated Current	50 Amp
Rated Voltage	600V
Rated Impulse Voltage	8.0 kV
Test Voltage	4 kV
Volume Resistance	≤1 milliohm



Tools		
	Crimping Tool	CT400TB
	RG174, 179, 316 Crimp Die	CD710TB
	Contact Removal Tool	RT000TB
	Insert Puller	PT300TB

Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M

Inserts

	Pin & Sleeve	3 Positions
Crimp Terminal Inserts		3P
	Male Insert	MC103M
	Female Insert	FC003M

Contacts




Male Crimp Pins			
	1.5 mm ²	16 AWG	MP16SD50
	2.5 mm ²	14 AWG	MP14SD50
	4 mm ²	12 AWG	MP12SD50
	6 mm ²	10 AWG	MP10SD50
	10 mm ²	8 AWG	MP08SD50
Female Crimp Pins			
	1.5 mm ²	16 AWG	FP16SD50
	2.5 mm ²	14 AWG	FP14SD50
	4 mm ²	12 AWG	FP12SD50
	6 mm ²	10 AWG	FP10SD50
	10 mm ²	8 AWG	FP08SD50



Pos-E-Kon™

M (4/5P) Series 16 Amps 600 VAC



Specifications



Number of Poles	4 +G 5
Termination Method	Crimp
Contacts	Stamped & Rolled, 2.5 mm Copper Alloy, Silver Plated
Rated Current	16A
Rated Voltage	600V
Rated Impulse Voltage	8.0 kV
Test Voltage	5.7 kV
Volume Resistance	≤5 milliohms

Tools			
	Crimping Tool		CT700TB
	Crimping Die	20 – 16 AWG 16 – 14 AWG	CD730TB CD740TB
	Contact Locator	20 – 16 AWG 16 – 14 AWG	CL010TB CL020TB
	Contact Removal Tool		RT800TB
	Insert Puller		PT300TB


Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M


Inserts

Pin & Sleeve	4 & 5 Positions
Crimp Terminal Inserts	
	Male Insert
	Female Insert

Pin & Sleeve	5P
Crimp Terminal Inserts	
	Male Insert
	Female Insert

Contacts

Male Crimp Pins			
	0.5 – 1.5 mm ²	20 – 16 AWG	MP16RF16
	1.5 – 2.5 mm ²	16 – 14 AWG	MP14RF16
	2.5 – 4 mm ²	12 AWG	MP12RF16

Female Crimp Pins			
	0.5 – 1.5 mm ²	20 – 16 AWG	FP16RF16
	1.5 – 2.5 mm ²	16 – 14 AWG	FP14RF16
	2.5 – 4 mm ²	12 AWG	FP12RF16

Pos-E-Kon™

M (5P) Series 20 Amps 400 VAC



Specifications

Number of Poles	5
Termination Method	Crimp
Contacts	Solid Drilled, 2.5 mm Copper Alloy, Silver Plated
Rated Current	20A
Rated Voltage	400V
Rated Impulse Voltage	6.0 kV
Test Voltage	3.5 kV
Volume Resistance	≤2 milliohms





Inserts

Pin & Sleeve

5 Positions


Crimp Terminal Inserts		5P
	Male Insert	MC105M
	Female Insert	FC005M

Tools


	Crimping Tool		CT700TB
	Crimping Die	20 – 14 AWG	CD750TB
		12 AWG	CD760TB
	Contact Locator	20 – 14 AWG	CL430TB
		12 AWG	CL040TB
	Contact Removal Tool		RT000TB
	Insert Puller		PT300TB

Contacts

Male Crimp Pins



	0.5 mm ²	20 AWG	MP20SD20
	1.0 mm ²	18 AWG	MP18SD20
	1.5 mm ²	16 AWG	MP16SD20
	2.5 mm ²	14 AWG	MP14SD20
	4 mm ²	12 AWG	MP12SD20

Female Crimp Pins

	0.5 mm ²	20 AWG	FP20SD20
	1.0 mm ²	18 AWG	FP18SD20
	1.5 mm ²	16 AWG	FP16SD20
	2.5 mm ²	14 AWG	FP14SD20
	4 mm ²	12 AWG	FP12SD20

Dummy Inserts

0

	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M

Pos-E-Kon™

M (10P) Series 10 Amps 250 VAC



Specifications

Number of Poles	10
Termination Method	Crimp
Contacts	Solid Drilled, 1.6 mm Copper Alloy, Silver Plated
Rated Current	10A
Rated Voltage	250V
Rated Impulse Voltage	4.0 kV
Test Voltage	2.2 kV
Volume Resistance	≤3 milliohms

Inserts




Pin & Sleeve

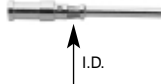
10 Positions


Crimp Terminal Inserts		10P
	Male Insert	MC110M
	Female Insert	FC010M



POS-E-KON™



Contacts



Tools		
	Crimping Tool	WT80
	Contact Removal Tool	RT614
	Insert Puller	PT300TB

Male Pins		Identification	Male	
	0.37 mm ²	22 AWG	1	MP22SD
	2.5 mm ²	20 AWG	2	MP20SD
	4 mm ²	18 AWG	3	MP18SD
	6 mm ²	16 AWG	4	MP16SD
	10 mm ²	14 AWG	5	MP14SD

Female Sleeves		Identification	Female	
	0.37 mm ²	22 AWG	1	FP22SD
	2.5 mm ²	20 AWG	2	FP20SD
	4 mm ²	18 AWG	3	FP18SD
	6 mm ²	16 AWG	4	FP16SD
	10 mm ²	14 AWG	5	FP14SD

Crimping Tools		
	Fiber Optic Crimp Tool	CT610
	Positioning Sleeve	FPS701

Fiber Optic Pin and Sleeve				
	Pin Contact	Glass POF	1mm	MPF530
	Sleeve Contact	Glass POF	1mm	FPF520

Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M

Pos-E-Kon™

M(20P) Series 5 Amps 63 VAC



Specifications

Number of Poles	20
Termination Method	Crimp
Contacts	Stamped, Formed, 1.0 mm Copper Alloy, Gold Plated
Rated Current	5A
Rated Voltage	63V
Rated Impulse Voltage	4.0 kV
Test Voltage	1.68 kV
Volume Resistance	≤5 milliohms




Inserts


Pin & Sleeve


20 Positions



Crimp Terminal Inserts		20P
	Male Insert	MC120M
	Female Insert	FC020M

Contacts

Tools		
	Crimping Tool	CT500TB
	Contact Removal Tool	RT200TB
	Insert Puller	PT300TB

Male Pins			
	0.25 mm ²	28-24 AWG	MP24GS
	0.5 mm ²	24-20 AWG	MP20GS

Female Sleeves			
	0.25 mm ²	28-24 AWG	FP24GS
	0.5 mm ²	24-20 AWG	FP20GS

Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M