

Amphenol

Rectangular Interconnects

C143 DIN41612 Eurocard Connectors 2.54mm x 2.54mm

The Amphenol Euro Series interconnection system is designed to meet the DIN41612 and IEC-603-2 standards. Available in B, C, C/2, D, F, G, H, M, Q and R.

Materials

Housing – 94V-0 PBT
 Male Contact – Copper Alloy
 Female Contact – P/B
 Contact Plating – Gold
 PC Tail Plating – Tin/lead

Durability (DIN Level)

DIN I – > 500 mating cycles
 DIN II – > 400 mating cycles
 DIN IIb – > 200 mating cycles
 DIN III – > 50 mating cycles

Related Information

Detailed Catalogue – PC 18 from ATE
 – ATX-APC11-1000/1

Electrical

Current – 1.5A @ 20°C
 Nominal Voltage – 250Vrms [ASCA-PC18](#)

Style	No. Of Positions	DIN Level	Part Number:				Remarks	Representative Diagrams
			Mating Halves					
			Male		Female			
Euro-C/2	32 A/C Loaded	II	C133714A48P(4)	Right Angle	C143012A48S(4)	Vertical	Male PCB tail 3mm, Female PCB tail 4mm	
		IIb	C133714A48P(3)		C143012A48S(3)			
	48	II	C133714A48P(1)		C143012A48S(1)			
		IIb	C133714A48P		C143012A48S			
Euro-C	64 A/C Loaded	II	C133714A96P(3)	Right Angle	C143012A96S(4)	Vertical		
		IIb	C133714A96P(2)		C143012A96S(3)			
	96	II	C133714A96P(1)		C143012A96S(1)			
		IIb	C133714A96P		C143012A96S			
					C14320851000		Housing Crimp Contacts	
					GN020060015		Contacts 5K/Reel Ribbon Cable Rec.	
Euro-R	64	II	C143R064M11A002	Vertical	C143R064F20A002	Right Angle	Male PCB tail 3mm, Female PCB tail 4mm	
		IIb	C143R064M11A004		C143R064F20A004			
	96	II	C143R096M11A002		C143R096F20A002			
		IIb	C143R096M11A004		C143R096F20A004			
Euro-F	48	IIb	C133914A48P	Right Angle	C143F048F11A002	Vertical	Contacts rated at 4A @ 125 Vrms.	
			C133915A 48P(11)					Vertical
Euro-Q	64	II	C143Q064M11A002	Vertical	C143Q064F20A002	Right Angle	Male PCB tail 3mm, Female PCB tail 4mm	
Euro-M	78+2	II	C143M078M20A002	Right Angle	C143M078F70A002	Vertical	78 Std. + 2 Special Contacts	
	60+4	II	C143M060M20A002		C143M060F70A002		60 Std. + 4 Special Contacts	
	42+6	II	C143M042M20A002		C143M042F70A002		42 Std. + 6 Special Contacts	
	24+8	II	C143M024M20A002		C143M024F70A002		24 Std. + 8 Special Contacts	
Euro-M Accessories	Power		VN01 036 1000 3	Right Angle	VN02 036 1400 3	Vertical	40A Contacts. Male, dip type. Female, cable termination 8 AWG	
	RF		VN01 030 1100(3)	Vertical	VN02 030 1100(3)		Male & Female terminate to cable, RG179A/U or RG316U	
	Fibre		C906 21N 140 2002		C906 21M 140 2002		For fibre cable Ø3.2mm 100/140µm	
			C906 21N 280 2002		C906 21M 280 2002		For fibre cable Ø3.2mm 200/280µm	

202 IEC 917 FutureBus 2mm x 2mm Metric Modular System (Press Fit Technology)

A high density, hybrid modular system designed for high speed interconnection applications to replace the DIN41612

Materials

Housing – LCP
 Contacts – P/B
 Contact Plating – 30µ' Gold over Ni
 PC Tail Plating – Tin/lead over Ni

Characteristics

Durability – 400 mating cycles
 Current –
 Signal – 1A
 Power – 3A

Voltage – 100VAC (max)
 Withstand Voltage – 750V
 Contact Resistance – 50 Milliohms
 Press Fit Technology, solder tail upon request
Temperature Range – -55°C to 125°C
 Packaging – Tube www.amphenol.com.cn

No. of Positions	No. of Rows	Module	Part Number:				Representative Diagram
			Mating Halves				
			Male	Orientation & Remarks	Female	Orientation & Remarks	
30	5	Signal	2021-AS1P-506-1000	Straight, for 2.4mm PCB	2021-AS6P-506-0100 (5 rows of 6 Contacts)	Right Angle for 2.4mm PCB	
60			2021-AS1P-512-1000				
96	4		2021-AS1P-424-1000	Straight for 1.6mm PCB	2021-AS6P-424-0100	Right Angle for 1.6mm PCB	
8	4	Power	2021-AP1P-402-6000	Straight for 2.4mm PCB	2021-AP6P-402-0100	Right Angle for 2.4mm PCB	

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