



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

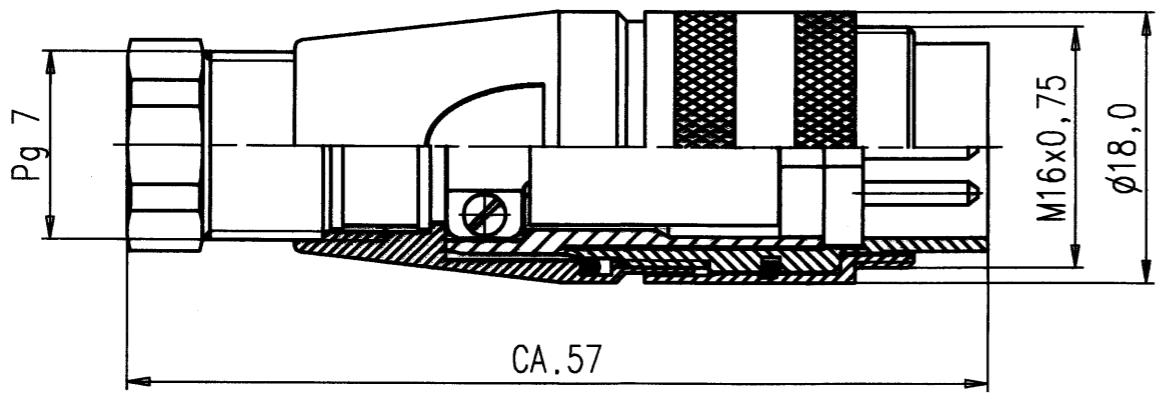
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Number of contacts	3	4	5	5Stereo	6	7	7	8	12	14	
Contact arrangement acc. to DIN	41 524	-	-	41 524	45 322	-	45 329	45 326	-	-	
Contact arrangement acc. to IEC	130-9	130-9	-	130-9	130-9	-	130-9	130-9	-	-	
Rated voltage ¹⁾	300V =		150V =		300V =		100V =				
Rated impulse withstand voltage	¹⁾ 1500V		1200V		1500V		1200V				
Pollution degree ¹⁾	1		1		1		1				
Installation category ¹⁾	I		I		I		I				
Rated voltage ²⁾	250V-		60V-		250V-		60V-				
Insulation group ²⁾	A		A		A		A				
Test voltage ²⁾	980V-		670V-		980V-		670V-				
Current rating ³⁾	5A at +40°C ambient temperature							3A			
Termination	solder							solder			
Wire gauge	solder < 0,5mm ²							< 0,25mm ²			
Contact plating	silver / gold							gold			
Temperatur range ³⁾	lower / upper temperature -40°C / +85°C										
Locking system	screw locking										
IP-degree of protection acc. to IEC 529	IP 67										
Contact resistance ³⁾	< 5m Ω										
Insulation resistance ³⁾	>10 ¹² Ω										
Dielectric material	thermoplastic										
Housing material	brass, die cast, nickel plated										
Mating cycles ³⁾	≥500										
Insertion force ³⁾	25N	30N	35N	50N	55N	60N	50N				
Withdrawal force ³⁾	21N	25N	30N	45N	45N	55N	45N				

¹⁾ Angaben nach/acc. to DIN VDE 0110T2/1.89
²⁾ Angaben nach/acc. to VDE 0110 b/2.79
³⁾ Prüfung nach/test acc. to IEC 512

Do not connect or disconnect under load.
Metal housing parts shall be securely incorporated to.

	14	C091 31H014 100 2	C091 31H014 200 2
	12	C091 31H012 100 2	C091 31H012 200 2
	8 DIN	C091 31H008 100 2	C091 31H008 200 2
	7 DIN	C091 31H107 100 2	C091 31H107 200 2
	7	C091 31H007 100 2	C091 31H007 200 2
	6	C091 31H006 100 2	C091 31H006 200 2
	5	C091 31H005 100 2	C091 31H005 200 2
	5* Stereo	C091 31H105 100 2	C091 31H105 200 2
	4	C091 31H004 100 2	C091 31H004 200 2
	3	C091 31H003 100 2	C091 31H003 200 2

CONTACT ARRANGEMENT	NO. OF CONTACTS	TYP-NUMBER-AG	TYP-NUMBER-AU
Gewicht (errechnet)/Calc WT: 9		Zul. Abw./Tolerances:	Maßstab/Scale 2:1 A3
Prüfmaß/Testdimension		DIN 6784	CUSTOMER DRAWING
Teileindex Partindexnumber			
01	14.02.02 CI	02	Datum/Date Name
		Gez. 14.02.	Cionvica
		Gepr. 14/02/02	Q. 200
		Checked	
Amphenol-Tuchel Electronics GmbH		M	C091 31HXXX X00 2
Ers. f./Similar to: 5656 106		Blatt/Sheet 2/2 Bl.	