



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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## SUMMARY

### # Wires

Low	5
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	0M
Termination type	Female crimp
IP rating	68
Cable Ø	4.00 - 8.00 mm
Matching parts	FMN.0M.305.XLCT
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PE*: Fixed receptacle, nut fixing and mold stop
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 4 - 8 mm
Variant	

### Performance

Configuration	0M.305 : 5 Low Voltage
Insulator	
Rated Current	6.5 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)

Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Test voltage (kV rms) Contact-contact: 1.25  
 Test voltage (kV rms) Contact-shell: 1

## Others

Humidity (max): <=95% [at 60 deg C / 140 F]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Operating temperature: -55 °C / +200 °C  
 Climatical Category: 15/200/21 (Al. shell)  
 Lighting strike EIA 364-75 10K amps - 6 times  
 EMI Shielding EIA 364-66A - 1Ghz-80 dB, 3GHz-70 dB, 6GHz- 58dB  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	B	C	D	E	Lr	Ls	M	P	R	S1	S2	e
mm.	17	8.8	16.8	8	5	25.6	25.6	9.7	5.3	13.8	11.5	14	M13x0.75
in.	0,67	0,35	0,66	0,31	0,20	1,01	1,01	0,38	0,21	0,54	0,45	0,55	







## RECOMMENDED BY LEMO

### Tools

Crimp Tool: DPC.91.701.V  
 Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.070.3MVM  
 Extractor: DCF.93.070.4LT  
 Replacement contact: EGN.0M.655.ZZM  
 Spanner wrench: DCM.65.000.4PA

## Cables

CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PGZE		Grey	
CMN.05.T22.051PNCE	PVC	Black	
CMN.05.T22.051PNZE			
CMN.05.T22.051QGZE	TPR (medical)	Grey	
050 090	PVC	Black	
050 140	PVC	Grey	
150 250	PVC	Grey	