

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!



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PEN.OM.305.XLMT

SUMMARY

Wires

 Low
 5

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

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



Image is for illustrative purpose only

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Request a quote

Catalog

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 OM.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^2 (AWG 26) Max. Conductor: 0.34 mm^2 (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]

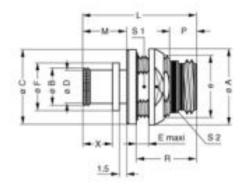
Operating temperature: -55°C/ +200°C Climatical Category: 15/200/21 (Al. shell) Lighting strike EIA 364-75 10K amps - 6 times

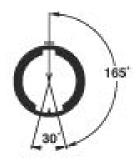
EMI Shielding EIA 364-66A - 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB

IP Rating: 68

DRAWINGS

Draws







Dimensions

	A	В	С	D	E	Lr	Ls	М	Р	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	