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EEG.3K.305.CYM

SUMMARY

Wires

Low voltage	**5**



Image is for illustrative purpose only

Series	3K
Termination type	Female crimp
IP rating	68
AWG wire size	18.00 - 14.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.3K.305.CYCC80

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	61.92 g

Performance

Configuration	3K.305 : 5 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	19 Amps

Specifications

Contact Type: Crimp
Contact Retention: 50 N
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.9 mm (0.075in)
Min. Conductor: 1 mm^2 (AWG 18)
Max. Conductor: 1.5 mm^2 (AWG 14)
R (max): 3.5 mOhm
Vtest (contact-shell): 1750 V (AC), 2500 V (DC)

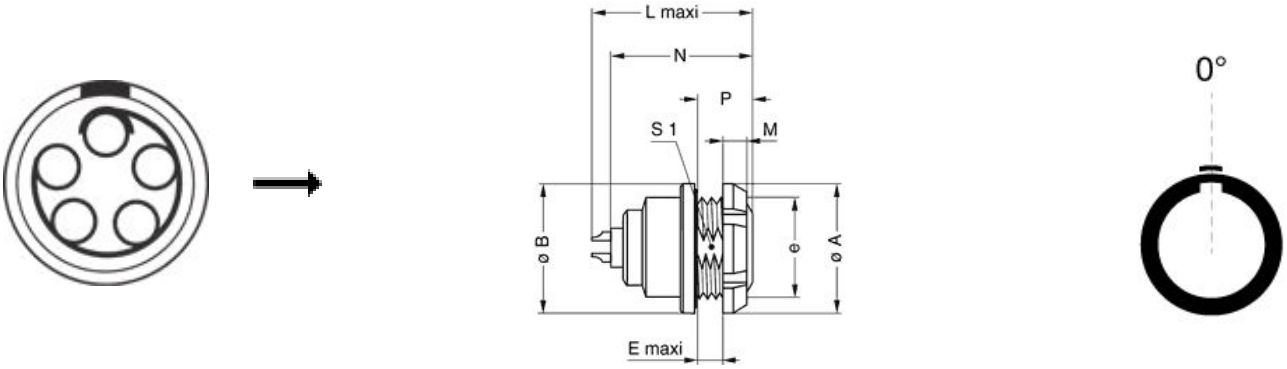
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Vtest (contact-contact): 2400 V (AC), 3390 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	N	P	S1	e
mm.	30	31	7.5	36.2	4.5	33.6	12	22.5	M24x1.0
in.	1,18	1,22	0,30	1,43	0,18	1,32	0,47	0,89	

RECOMMENDED BY LEMO

Tools

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Crimp Tool:	DPC.91.101.A
Crimp settings:	AWG/Selector = 14-16-18/7-6-5
Positionner:	DCE.91.163.BVCM
Extractor:	DCF.91.163.5LT
Replacement contact:	EGG.3B.670.ZZM

Cables

CMN.05.T18.065PGZE		Grey	
CMN.05.T18.065PNZE			
CMN.05.T20.057PGZE		Grey	
CMN.05.T20.057PNZE			
CMN.05.T20.057QGZE	TPR (medical)	Grey	
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		Grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
250500	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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