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Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	2C

Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	2C.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 A
Vtest	1500 V (AC), 2100 V (DC)
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20

Form & Material

Shell style / Model id	HGP - Fixed receptacle, nut fixing, watertight or vacuum-tight
Socket / Receptacle	Fixed Panel Front Mounted
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
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Variant	Watertight unmated (connector to device)
Weight	12.57 g

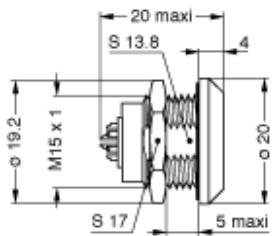
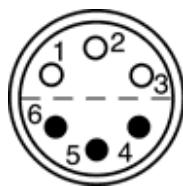
Environment

Environmental sealing (IP rating)	IP50
Endurance	500 mating cycles
Salt Spray Corrosion	>1000 hr

https://www.lemo.com/int_en/hgp-2c-306-clip.html

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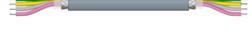
Drawings



Dimensions

	A	L	e
mm.	20	20	M15x1.0
in.	0.79	0.79	

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T20.062PGZE		grey	
CMN.06.T20.062PNZE			
CMN.06.T20.062QGZE	TPR (medical)	Grey	
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106220	PVC	Black	
106240	PTFE	White	
12080	PVC	Grey	
160140	PVC	Grey	
160240	PVC	Black	
160260	PVC	Black	
260250	PVC	Grey	
360500	PVC	Grey	
360750	PVC	Grey	
60260	PTFE	White	
6280	PVC	Black	

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