## **EPG.1B.307.HLN**



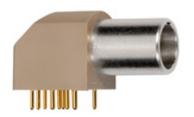


Image for illustrative purpose only

## **Summary**

### Request a quote

Catalog		
Number of contacts Low Voltage	7	
Gender	Standard	
Socket / Receptacle	Socket / Receptacle - Elbow	
Locking system	Push-pull	
Size	1B	
Suggested matching part	FGG.1B.307.CLAD62Z	
Series	B - Indoor keyed	

# **Technical details**

### **Electrical Configuration**

Contact Termination Low voltage	PCB - Straight	
R (max)	6.1 mOhm	
Insert configuration value	1B.307/EPG - 7 Low Voltage	
Insulator	L: PEEK (UL 94 / V-0/1.5)	
Rated current	2 A	
Test voltage contact-body shell	1.45 kV rms	
Test voltage contact-contact	1.45 kV rms	
Contact Type	Print (straight)	
Contact Dia.	0.7 mm (0.028in)	
Number of contacts Low Voltage	7	
Gender	Standard	
Form & Material		
Shell style / Model id	EP - Elbow receptacle for printed circuit (solder or screw fixing)	
Socket / Receptacle	Elbow	
Housing material	PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass	
Locking system	Push-pull	
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)	
Weight	12.2 g	

#### **Environment**

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>144 hr