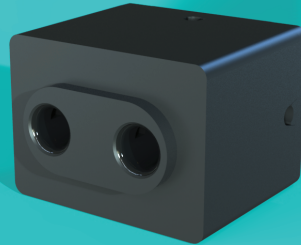




Dual Long Life 1129

Solve the problem of broken headphone plugs



Customer Satisfaction

- Accepts airlines' A1/A2 and the passengers' own headsets
- High quality audio enhancing the overall customer experience
- Reassuring insertion and extraction force

Airline Proposition

- High reliability delivering an industry leading total cost of ownership
- 'Push through pin' technology minimising impact of broken off pins
- Tested to over 100,000 insertions
- Insertion and extraction force designed to minimise headset damage

The 1129 Dual Long Life Audio Jack for airlines' A1, A2 and passengers' own headsets includes IFPL's Long Life and 'push through pin' technologies delivering industry leading reliability whilst minimising the impact of Customer Induced Damage (CID) from snapped off pins. The 1129 has been designed with dual redundancy by incorporating two Long Life single pin stereo sockets, so if one socket breaks, a standard A1 or passenger headset can be used in the remaining socket. The quality materials used in the construction of the jack and robust design ensure high quality sound within a highly robust and reliable audio jack (100,000 insertions). This minimises on-wing replacement costs and ensures high levels of unit availability to ensure customer satisfaction.

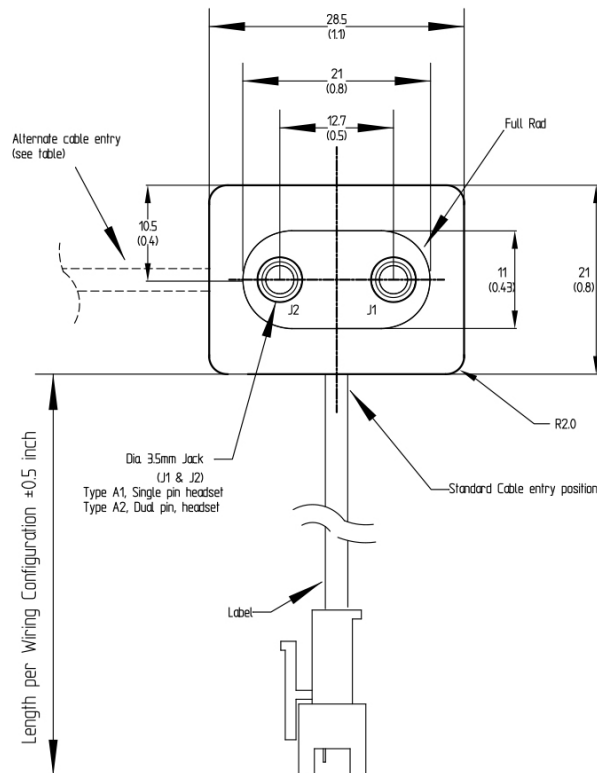
IFPL's 'push through pin' technology means the jack does not have to be replaced if a pin is broken off in the jack. The design ensures that when a headset pin has been snapped off it is simply pushed through and collected in the reservoir at the back of the jack. This housing has been known to hold as many as 12 broken pins minimising on-wing costs. The unit has been designed with an optimal insertion and retention force to minimise the risk of the headset cables being damaged when pulled.

The 1129 has been proven in service with many airlines throughout the world due to its high reliability, providing exceptionally low total cost of ownership.

UK Patent Number : EP (UK) 1066662



1129 Technical Specification



Part	Name	Dual Long Life	
	Number	1129-xxx-y	
Configuration Options		Type A1 Single Pin Stereo (3.5mm) and A2	
Electrical Characteristics	Initial Contact Resistance	0.025 ohm	
	Max. Working Voltage	25Vac or 60Vdc	
	Max. Working Current	0.5A @ 12V ac/dc	
Colour	Standard	Slate Grey	
	Customisable?	Yes	
Operating Temperature	Typical	+15°C to +25°C	
	Functional	-15°C to +55°C	
Mechanical	Housing	Fire Retardant Polycarbonate, Lexan 953A (meets FAR 25.853(b))	
	Weight	20g	
	Insertions/Extractions	>100,000	
	Panel Cut-out	Standard oval cut-out per ARINC 628	
	Pigtail Fixing	Standard 6"	
		Customisable?	Yes
	Termination Connection	JST SMR Series Connector	
Industry Compliance	Panel Thickness	2mm	
	3.5mm Audio Jack	ARINC 628 Part 2	
	Electrical Assemblies	RoHS Compliant	

IFPL is an innovative award winning company specialising in the design and manufacture of passenger interface solutions to the global In-flight Entertainment and Connectivity (IFEC) industry. Twice winner of the prestigious Queen’s Award for Enterprise, we are unique in our ability to combine industry leading innovation with manufacturing excellence; through comprehensive in-house capability that enables our clients to work closely with us in transforming ideas, from concept to prototype and then delivered as industrialised, certified and production ready solutions.