



SINGLE LONG LIFE 1010

Solve the problem of broken headphone plugs

The 1010 Single Long Life Audio Jack for airlines' A1, B1 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 quality materials and design ensures 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

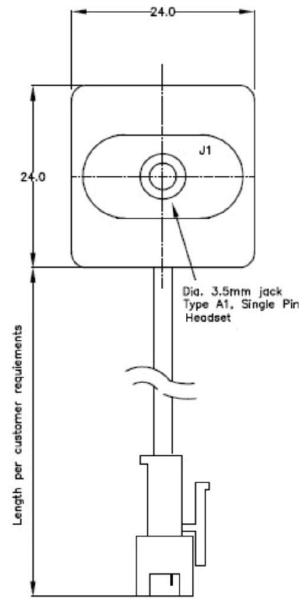
pushed through and collected in the reservoir at the back of the jack. This housing has been known to hold as many as 12 broken pins minimising on-wing costs. The unit has been designed with an optimal insertion and retention force to minimise the risk of the headset cables being damaged when pulled. The 1010 has been proven in service with many

CUSTOMER SATISFACTION

- Accepts airlines' A1/B1 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



For illustration purposes only

1010 TECHNICAL SPECIFICATION

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.

PART		
Name	Single Long Life	
Number	1010-xxx-y	
CONFIGURATION OPTIONS		
	Type A1/B1, Single Pin Stereo (3.5mm)	
ELECTRICAL CHARACTERISTICS		
Input 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	22g	
Insertions / Extractions	>100,00	
Panel Cut-out	Standard oval cut-out per ARINC 628	
Pigtail Fixing	Standard	6"
	Customisable?	Yes
Termination Connection	JST SMR Series Connector	
Panel Thickness	2mm	
INDUSTRY COMPLIANCE		
3.5MM Audio Jack	ARINC 628 Part 2	
Electrical Assemblies	RoHS Compliant	

1st Revision
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