



## SINGLE RAPID FIT 1052

For a quick fit in 30 seconds

High availability with minimum cost was the focus when designing the 1052. The 1052 Single Rapid Fit™ has been designed with a simple replacement cassette that houses the audio jack. This enables easy replacement in the event of failure due to damage or breakage.

The removable cassette is replaceable by simply undoing one 'hex' screw, eliminating the need to remove the whole module from the seat. This ensures that the replacement cassette can be changed during the aircraft turn-around allowing the next passenger access to their In-Flight Entertainment (IFE) system. The cassette can typically be replaced in less than 30 seconds.

The 1052 Jack fits a standard ARINC

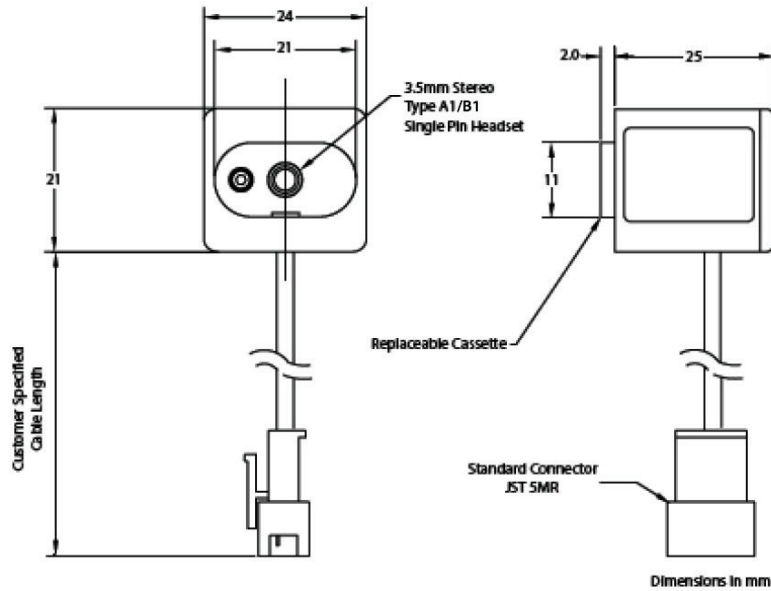
oval cut-out making this an easy retrofit and an upgrade option, and provides an excellent opportunity to replace old pneumatic transducers by a simple one for one swap-out. The Single Rapid Fit complies with traditional A1/B1 headsets.

### CUSTOMER SATISFACTION

- High availability to ensure access to IFE system
- Passengers can use their own headsets
- High quality audio

### AIRLINE PROPOSITION

- Rapid on wing replacement
- Minimises support costs
- Low cost replacement cassettes
- Easy retrofit



For illustration purposes only

# 1052 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 Rapid Fit	
Number	1052-000-y	
Replacement Cassette	1059-000-y	
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	20g	
Insertions	>20,000	
Panel Cut-out	Standard oval cut-out per ARINC 628	
Pigtail Fixing	Standard	6"
	Customisable?	Yes
External Connections	JST SMR	
	Customisable?	Yes
Panel Thickness	2mm (0.080")	
INDUSTRY COMPLIANCE		
3.5MM Audio Jack	ARINC 628 Part 2	
Electrical Assemblies	RoHS Compliant	
COMPATIBLE PLUGS		
	A1/B1	

Revision 3.1  
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