

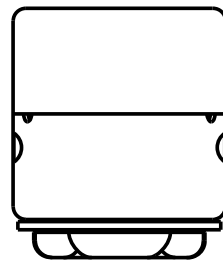
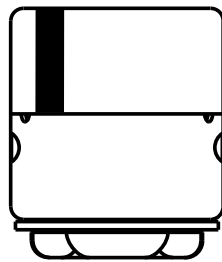
PAIR	CONSISTS OF:
FG-30723-S21	(2) FG-23629-S21

BOTH MICROPHONES OF THE PAIR ARE TESTED TO THEIR RESPECTIVE 2.1 SHEET AND THEN MATCHED TO THE OTHER MICROPHONE USING THE SPECIFICATION AND CONDITIONS BELOW:

FREQUENCY	TEST TYPE	RANGE OF DEVIATION BETWEEN MICROPHONES	UNITS
200 Hz	PHASE	2.0 MAX.	DEGREES
500 Hz	SENSITIVITY	1.0 MAX.	dBV

NOTES:

1. DC SUPPLY VOLTAGE 1.3 VOLTS.
2. TESTED WITH NO LOAD COUPLED TO THE OUTPUT.
3. SENSITIVITY AND PHASE VALUES INDICATED ARE VALID AT 50% RH.



BLACK STRIPE SHOWS MICROPHONE WITH GREATER RESPONSE PHASE VALUE AT 200Hz.

**RED CONTROLLED**

**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	M10103025	8-17-09	Active	A
<small>WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION</small>				<small>DR. BY DATE</small> LSY 8-17-09 <small>CK. BY DATE</small> GJP 8-20-09 <small>APP. BY DATE</small> GJP 8-20-09
TITLE:		<b>MATCHED PAIR</b>	<b>FG-30723-S21</b>	
		PERFORMANCE SPECIFICATION	SHT 2.1	

<b>FG-30723-S21</b>		<b>KNOWLES ELECTRONICS</b>		<b>FG-30723-S21</b>	
Sheet <b>4.1</b>		ITASCA, ILLINOIS U.S.A.		Sheet <b>4.1</b>	
Dr.	By LSY	Date 8-17-09	Subject: <b>MATCHED PAIR MICROPHONES</b>	Revision	
Ch.	GJP	8-20-09		<b>A</b>	
App.	GJP	8-20-09			
COL. 1			2	3	4
Part or Dwg. no.			Tot. Req.	Nomenclature:	Applicable Specs or Remarks
FG-23629-S21			2	MICROPHONE ASSEMBLY	
					Item No. Line No.
					1 1

**RED CONTROLLED**

REVISION  
A c.o. M10103025

**FG-30723-S21**  
Sheet **4.1**

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