

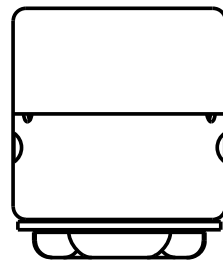
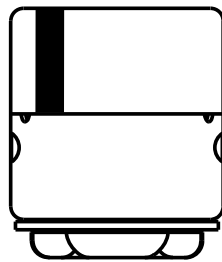
PAIR	CONSISTS OF:
FG-30723-S21	(2) FG-23629-S21

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

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		DR. BY	DATE
TITLE: MATCHED PAIR PERFORMANCE SPECIFICATION		LSY	8-17-09
		GJP	8-20-09
FG-30723-S21 SHT 2.1		APP. BY	DATE
		GJP	8-20-09

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

RED CONTROLLED

REVISION
A c.o. M10103025

FG-30723-S21
Sheet **4.1**

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