

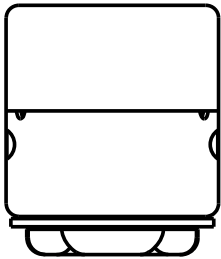
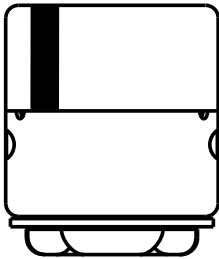
PAIR	CONSISTS OF :
FG-30723-S21	(2) FG-23629-S21

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
			Active	A
A	M10103025	8-17-09		
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
			LSY	8-17-09
TITLE: MATCHED PAIR PERFORMANCE SPECIFICATION			CK. BY	DATE
			GJP	8-20-09
FG-30723-S21 SHT 2.1			APP. BY	DATE
			GJP	8-20-09

FC-30723-S21			KNOWLES ELECTRONICS			FC-30723-S21		
Sheet 4.1			ITASCA, ILLINOIS U.S.A.			Sheet 4.1		
By Date			Subject:			Revision		
Dr. LSY 8-17-09			MATCHED PAIR MICROPHONES			A		
Ch. GJP 8-20-09								
App. GJP 8-20-09								
COL. 1			2			3		
Part or Dwg. no.			Tot. Req.			Nomenclature:		
FG-23629-S21			2			MICROPHONE ASSEMBLY		

RED CONTROLLED

REVISION	M10103025		FC-30723-S21 Sheet 4.1
	A		
	c.o.		
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REF: 100-PM-100-PM REF: 0