



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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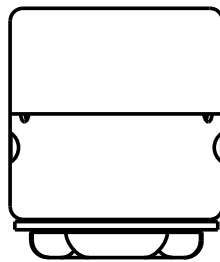
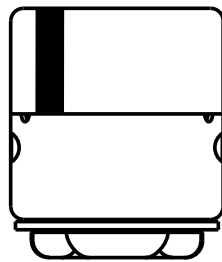
PAIR	CONSISTS OF:
FG-30723-S21	(2) FG-23629-S21

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</small> LSY <small>DATE</small> 8-17-09 <small>CK. BY</small> GJP <small>DATE</small> 8-20-09 <small>APP. BY</small> GJP <small>DATE</small> 8-20-09
TITLE:		MATCHED PAIR	FG-30723-S21	
		PERFORMANCE SPECIFICATION	SHT 2.1	

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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