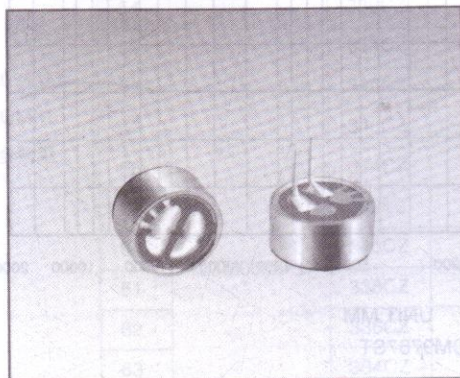


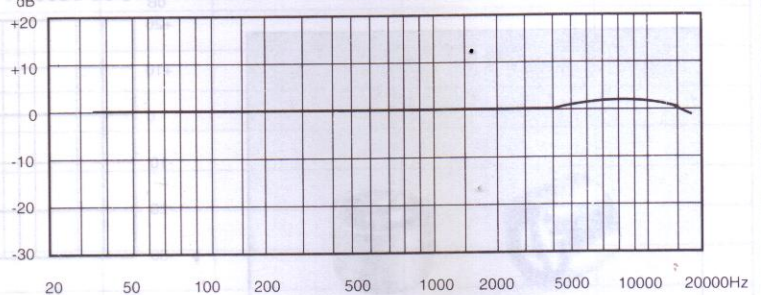
MEC CONDENSER MICROPHONE PRODUCT CATALOGUE

OMNIDIRECTIONAL ELECTRET CONDENSER MICROPHONE

MCM9745ST, MCM9745PC

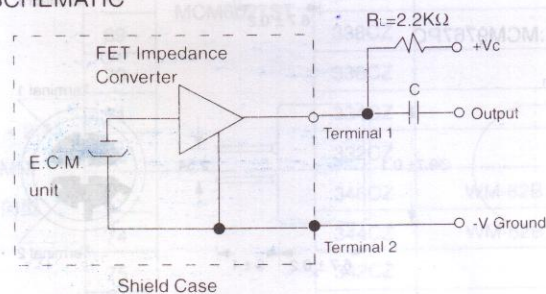


TYPICAL FREQUENCY RESPONSE

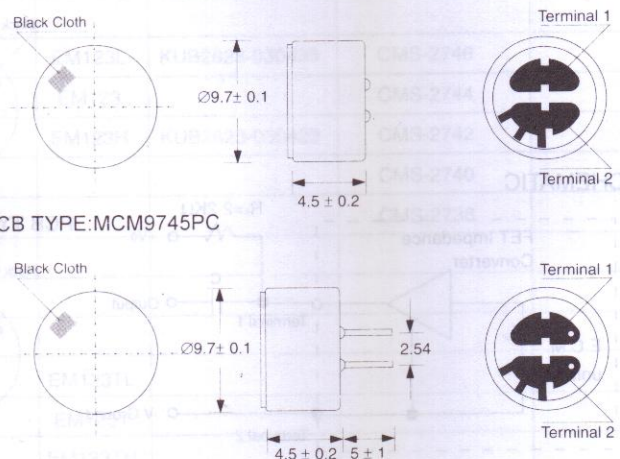


DIMENSIONS UNIT:MM
STANDARD TYPE:MCM9745ST

SCHEMATIC



PCB TYPE:MCM9745PC



SENSITIVITY (0dB=1V/Pa, 1KHz)	MODEL NO. TABLE	
	STANDARD TYPE	PCB TYPE
-46 ± 2dB	MCM9745ST-246CZ	MCM9745PC-246CZ
-44 ± 2dB	MCM9745ST-244CZ	MCM9745PC-244CZ
-42 ± 2dB	MCM9745ST-242CZ	MCM9745PC-242CZ
-40 ± 2dB	MCM9745ST-240CZ	MCM9745PC-240CZ
-38 ± 2dB	MCM9745ST-238CZ	MCM9745PC-238CZ
-36 ± 2dB	MCM9745ST-236CZ	MCM9745PC-236CZ
-34 ± 2dB	MCM9745ST-234CZ	MCM9745PC-234CZ
-32 ± 2dB	MCM9745ST-232CZ	MCM9745PC-232CZ

SPECIFICATIONS

SENSITIVITY	: SEE MODEL NO. TABLE
IMPEDANCE	: STANDARD 2.2KΩ
STANDARD POWER SUPPLY	: DC 4.5V
CURRENT CONSUMPTION	: < 0.5mA
SENSITIVITY REDUCTION	: WITHIN 3dB AT 3V
S/N RATIO	: 40dB (A CURVE)
DIRECTIVITY	: OMNIDIRECTIONAL