
MF52 SERIES NTC THERMISTORS DATA SHEET

CUSTOMER : _____

ITEM NO. : 11/5128 MF52-104J

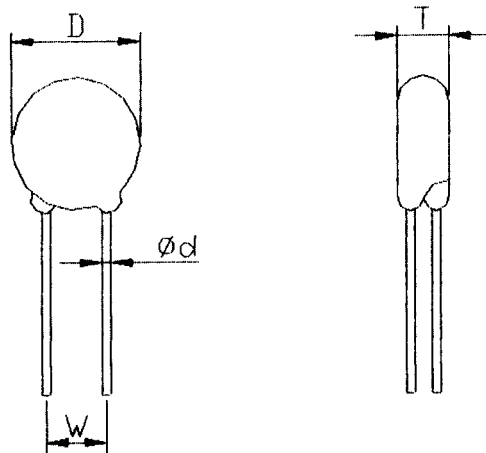
APPLICATION : _____

DATE : 2003 /8/20

CUSTOMER			PRODUCE		
APPROVAL			APPROVAL		
TECHNICAL	EXAMINE AND VERIFY	APPROVE	TECHNICAL	EXAMINE AND VERIFY	APPROVE

SUPPLIER P/N : MF52-104J

DIMENSION : (mm)



ITEM NO.	Dmax	Tmax	w	$\varnothing d$
MF52-104J	4.0	3.0	3.0 ± 1.0	0.45 ± 0.05

ELECTRONIC PARAMETER :

RESISTOR VALUE	B VALUE	DISSIPATIVE FACTOR	TIME FACTOR	WORK TEMPERATURE
$\Omega \pm 5\%$	$K \pm 5\%$	mw/°C	S	°C
100K Ω	4350	≥ 3.0	≤ 15	-40~+180

INSPECTION METHOD

NUMBER	INSPECTION ITEM	CONDITION	SPECIFICATION REQUIREMENT
1	APPEARANCE AND MARK		THE MARK SHOULD BE CLEAR AND NO DAMAGE ON THE BODY
2	DIMENSION		MEET WITH THE DIMENSION DRAWING
3	RESISTOR VALUE		100K $\Omega \pm 5\%$
4	DIELECTRONIC STRENGTH	700V AC/1 MINUTES	SHOULD NO SHORT CIRCUIT $\Delta R/R \Delta \leq \pm 15\%$
5	INSULATE RESISTOR VALUE	TEST VOLTAGE DC 150 $\pm$ 10V	$\geq 500M \Omega$ $\Delta R/R \Delta \leq \pm 15\%$
6	SOLDING CHARACTERISTIC	SOLD TEMPERATURE : 235 $\pm$ °C SOLD TIME : 3S	AREA COVERED : $\geq 98\%$ BY TIN
7	B VALUE	PUT IN THERMOSTATIC BATH T ₁ =25°C T ₂ =85°C	4350 $\pm$ 5%