

**GaAs MMIC PASSIVE FREQUENCY
DOUBLER CHIP, 1.3 - 4.0 GHz INPUT**

Handling Precautions

'PMMPX UIFTF QSFDBVUJPOT UP BWPJE QFSNBOFOU EBNBHF

Storage: "MM CBSF EJF BSF QMBDFE JO FJUIFS 8BGGMF PS (FM CBTFE &4% QSPUFD QSPUFDUJWF CBH GPS TIJQNFOU 0ODF UIF TFBMFE &4% QSPUFDUJWF CBH BT nitrogen environment.

Cleanliness:)BOEMF UIF DIJQT JO B DMFBO FOWJSPONFO %0 /05 BUUFNQU T ZTUFT

Static Sensitivity: 'PMMPX &4% QSFDBVUJPOT UP QSPUFD BTU &4% TUSJLFT

Transients 4VQQSFTT JOTUSVNFOU BOE CJBT TVG NZ USB FOUT XIJMF C BT J DBCMFT UP NJOJNJ[F JOEVDUJWF QJDL VQ

General Handling:)BOEMF UIF DIJQ BMPOH UIF F HFT XJUN WBDVVN DPMMFU PS XJU TVSGBDF PG UIF DIJQ NBZ IBWF GSBHJMF BJS SSJEHFM BOE TIPVME OPU C UPV

Mounting

Epoxy Die Attach:

"QQMZ B NJOJNVN BNPVOU PG FQNZ UP UIF NPVOUJOH TVSGBDF TP UIBU QUIJ QFSJNFUFS PG UIF DIJQ PODF JU J QMBDF JOUP QPTJUJPO

\$VSF FQPYZ QFS UIF NBOVGF QV S FFEVMF

Wire Bonding

#BMM PS XFEHF CPOE YUN FJBN JFS QVSF HPME XJSF 5IFSNPTPOJD XJSFO 150 C DE B CBMM CPOE JH GPS G UP HSBNT PS XFEHF CPOEJOH G BDF UIF NJOJNVN MFWFM PG V BTPOJD FOFSHZ UP BDIJFWF SFMJBCMF XJSF PO UFSNJOBUEF PO UIF B BH 3' CPOET TIPVME CF BT TIPSU BT QPTTJCM

OBSOLETE

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