

MTC, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

CUSTOMER :

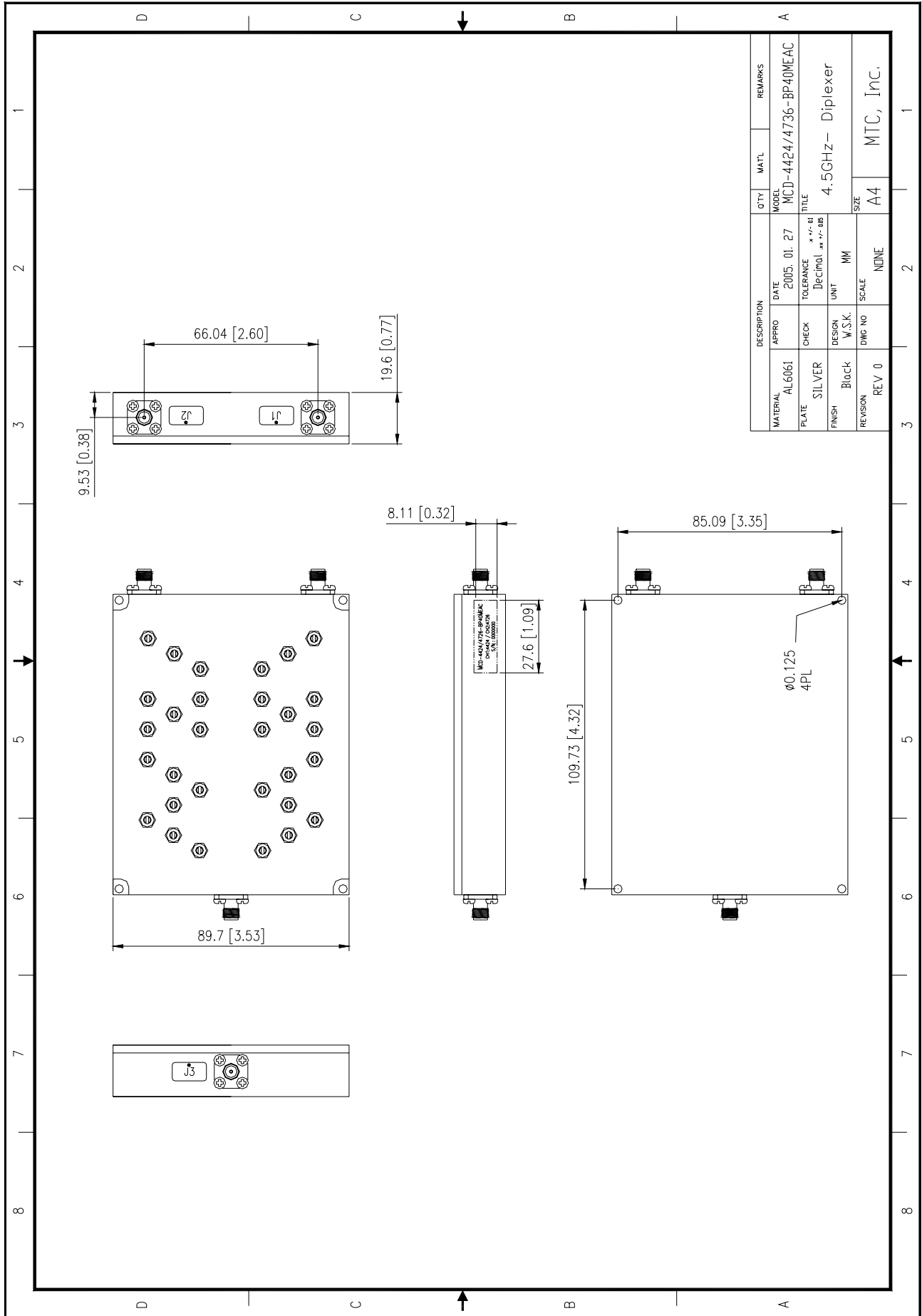
PRODUCT NAME : CAVITY DIPLEXER TYPE

PART NO: MCD-4424/4736-40EAC

1. Electrical Specifications		
	Rx	Tx
Frequency Range	4404 – 4544 MHz	4716 – 4856 MHz
Bandwidth	40 MHz	
Pass Band Insertion Loss	1.2 dB max	
-3dB Band Width	22MHz(Min)	
Pass Band Ripple	±0.25 dB max	
Pass Band Return Loss	1.4:1 max	
Out of Band Rejection	@ ±70 MHz Away from band edges Above ±100 MHz Away from band edges	60 dB min 70 dB min
Monitor Port(Rx&Tx)	-30dB±1.5dB	
Impedance	50Ω	
RF Power Capability	100 W	
Operating Temperature	-35 ~ +75	
2. Mechanical Specifications		
Connector Port	ANT, Monitor port	SMA(f)
	Rx,Tx, port	SMA(f)
Dimension(W × D × H)(Max.)		109.73 mm × 85.09 mm × 19.6 mm(W×D×H)

NOTE:

Dimension : MCD-4424/4726-40EAC



DESCRIPTION		QTY	MATL	REMARKS	
MATERIAL	AL6061	DATE	2005. 01. 27	MODEL	MCD-4424/4736-BF40MEAC
PLATE	SILVER	CHECK		TOLERANCE	Deciml. x 1/100
FINISH	BLACK	DESIGN	W.S.K.	UNIT	MM
REVISION	REV 0	DWG NO		SCALE	NONE
				SIZE	A4