

**CIRO**

SPECIFICATION

SPEC NO. : SP01BD42433-010**PART NO. : 01142432DB1I110****PRODUCT NAME : MF 1542/1643****DESCRIPTION : Duplexer****ROHS Compliant Product**

1.0 ELECTRICAL CHARACTERISTICS:

This filter satisfies Table 1 at Temperature Range : **-35 to +65°C**INPUT/OUTPUT IMPEDANCE : **50Ω**Max. INPUT POWER : **5 W**

TABLE 1

NO.	ITEM	SPECIFICATION	
1	CENTER FREQUENCY : fo	Lo : 1542 MHz	Hi : 1643.5 MHz
2	PASS BAND WIDTH	34 MHz	34 MHz
3	PASS BAND INSERTION LOSS	0.9 dB max	0.9 dB max
4	PASS BAND RETURN LOSS	15 dB min	15 dB min
5	PASS BAND RIPPLE	0.3 dB max	0.3 dB max
6	STOP—BAND ATTENUATION	at 1626.5~1660.5 MHz	at 1525~1559 MHz
		65 dB min	65 dB min
		Tx to Rx	
		1525~1559	65 dB min
		1600	60 dB min
		1625.5~1660.5	65 dB min
Item NO.6 specifies the absolute value of attenuation.			

2.0 SHAPE AND DIMENSION

