UFOX10515 8-Channel Cavity Filter

Electrical Specifications

Parameter	Symbol	Specification	Conditions
J1		430 to 470 MHz	
J2		860 to 873 MHz	
J3		902 to 928 MHz	
J4		1161 to 1257 MHz	
J5		1559 to 1609 MHz	
J6		2400 to 2485 MHz	
J7		5150 to 5250 MHz	
J8		5725 to 5825 MHz	
J9		Ant	
Band 1 Insertion Loss		0.6dB typical, 0.7dB maximum	
Bands 2-3 Insertion Loss		0.8dB typical, 0.8dB maximum	
Bands 4-8 Insertion Loss		0.6dB typical, 0.7dB maximum	
Return Loss (All bands)		-18dB minimum, -20 dB typical	
Adjacent band(s) rejection			
J1		-40 dBc	
J2-3		-30 dBc	
J4-5		-40 dBc	
J6-8		-50 dBc	
Maximum Power Handling		40W	Per channel simultaneously

Temperature

Parameter	Symbol	Min.	Typ.	Max.	Units	Conditions
Operating Temperature		-35		+75	°C	

Environmental & Physical Requirements

Parameter	Specification	Conditions
Connectors	Type N(f)	
Finish	Paint	
Hermeticity	Paint	
Mounting	¼-20 through holes	

Paint Information

TOP COAT: MIL-DTL-64159C, TYPE II WATERBOURNE POLYURETHANE CARC, GREEN 383.
CORROSION PRIMER: MIL-DTL-53022F, TYPE IV, CLASS L, HAPS FREE, 2.8LB/GAL VOC ENHANCED CORROSION PRIMER.
WASH PRIMER: DOD-P-15328D METAL WASH PRIMER PRETREATMENT GREEN.

Outline Drawing TBD

Representative Plots

