

Data Sheet for WAVEGUIDE CIRCULATOR 2900 – 3200 MHz

Part number: FE3010-04

DESCRIPTION

- High power Y Junction Ferrite Circulator

SIZE

- Waveguide WR284 (R32)
- Flanges: see drawing

APPLICATION

- Waveguide circulator for S band radar
- Air, navy or ground

FINISH

- Black painting Epoxy Enamel

MAXIMUM RATINGS

Nº	CHARACTERISTICS	Symbol	VALUES		UNIT
			MIN.	MAX.	
1	Forward Power (average)	P	--	300	W
2	Forward Power (peak)*	P	--	2	kW
3	Operating Temperature Range	Top	0	+55	°C

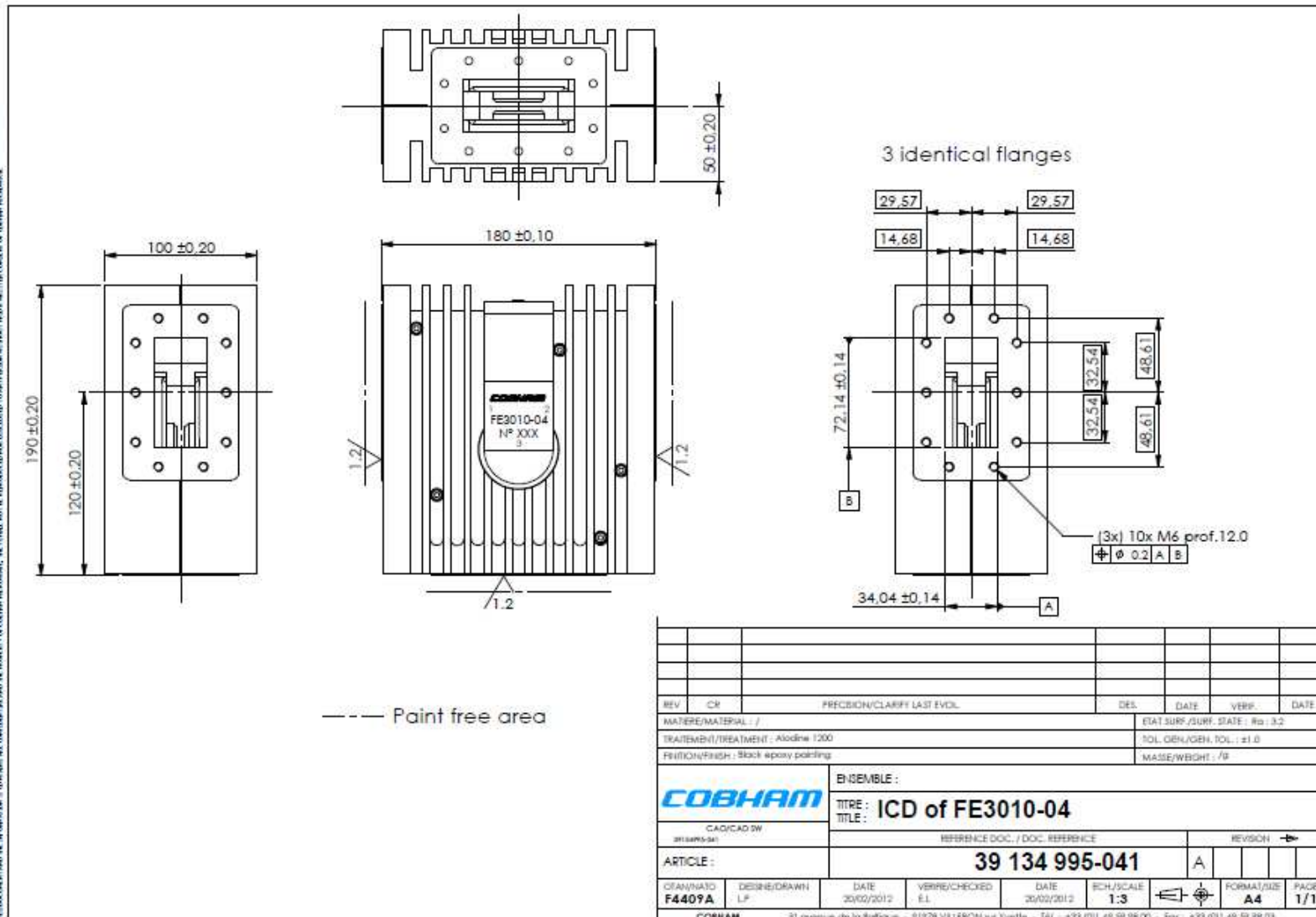
* Duty cycle 15%, Pulse width 100 microsec.

ELECTRICAL CHARACTERISTICS

Nº	CHARACTERISTICS	Symbol	VALUES		UNIT
			MIN.	MAX.	
1	Useful Frequency Range:	--	2900	3200	MHz
2	VSWR	--		1.20	--
3	Insertion Loss	IL	--	0.2	dB
4	Isolation	ISO	20	--	dB

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KIA (21022013)
ICD (39134995)