

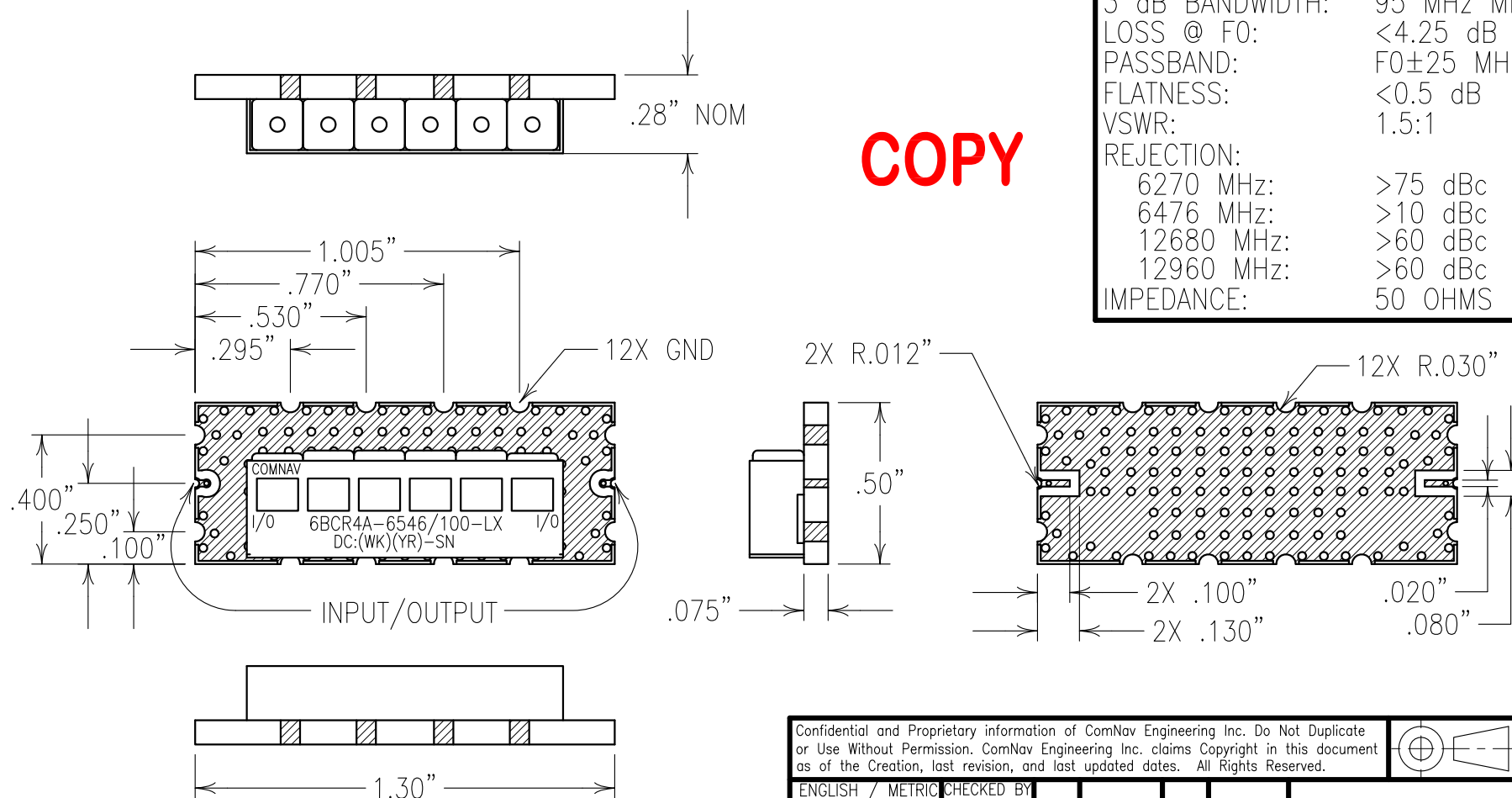
2

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## ELECTRICAL CHARACTERISTICS

CENTER FREQUENCY: 6546 MHz NOM  
 3 dB BANDWIDTH: 95 MHz MIN.  
 LOSS @ F0: <4.25 dB  
 PASSBAND: F0±25 MHz  
 FLATNESS: <0.5 dB  
 VSWR: 1.5:1  
 REJECTION:  
   6270 MHz: >75 dBc  
   6476 MHz: >10 dBc  
   12680 MHz: >60 dBc  
   12960 MHz: >60 dBc  
 IMPEDANCE: 50 OHMS

COPY



## NOTES:

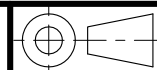
RECOMMENDED ATTACHMENT METHOD: SILVER EPOXY  
 OR REFLOW NOT TO EXCEED AS INDICATED BELOW:

TEMP.(°C) MAX.TIME(SEC)


215	90
230	60
245	30
260	15

FILTER MUST BE ETCHED.  
 FILTER IS ROHS COMPLIANT.

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ENGLISH / METRIC ENGLISH		CHECKED BY						
TOLERANCES UNLESS OTHERWISE SPECIFIED  MACHINED SURFACES TO BE 125 / OR BETTER  REMOVE ALL BURRS		DRAWN BY PBF						
		ENGINEER KJR		II	11APR12	KJR	DEV.	INI. ISS. PER 3531
		REV	DATE	BY	DCN No.	REMARKS		
ENGLISH (INCHES)		METRIC (MM)		SCALE 2:1		APPLIC: CERAMIC COAXIAL FILTER		
.XX ±.02 .XXX ±.010		.X ±.25 .XX ±.13		DATE 13APR12		TITLE: 6BCR4A-6546/100-LX		
ANGLES ± 0° 30'								
 COMNAV ENGINEERING INC		FINISH: BOARD: NI/AU PLATED COPPER JACKET: NI/SILVER				DRAWING No. OL1296		SHEET OF 1 1