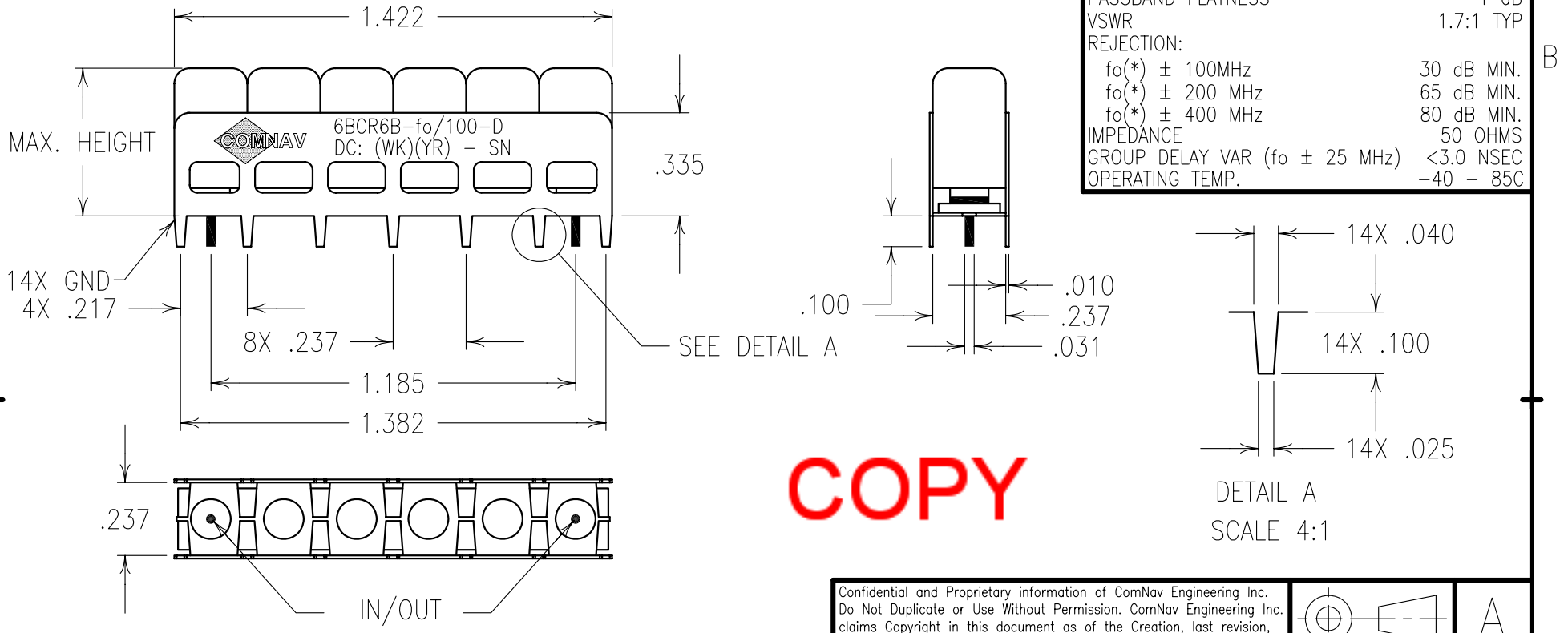
Fo	COMNAV PART NO.	CUSTOMER PART NO.	MAX. HEIGHT
1650 MHz	6BCR6B-1650/100-D	–	.490"
1710 MHz	6BCR6B-1710/100-D	–	.476"
1750 MHz	6BCR6B-1750/100-D	–	.478"
1900 MHz	6BCR6B-1900/100-D	–	.440"
2000 MHz	6BCR6B-2000/100-D	–	.422"

ELECTRICAL CHARACTERISTICS

CENTER FREQUENCY fo(*)	1650, 1710, 1750, 1900, 2000 MHz
3dB BANDWIDTH	100 MHz NOM.
1dB BANDWIDTH	80 MHz ±10 MHz
LOSS AT fo(*)	<3.0 dB
PASSBAND FLATNESS	1 dB
VSWR	1.7:1 TYP
REJECTION:	
fo(*) ± 100MHz	30 dB MIN.
fo(*) ± 200 MHz	65 dB MIN.
fo(*) ± 400 MHz	80 dB MIN.
IMPEDANCE	50 OHMS
GROUP DELAY VAR (fo ± 25 MHz)	<3.0 NSEC
OPERATING TEMP.	–40 – 85C



A

NOTES:

MAX REFLOW TEMP. 240°C FOR 30 SEC., OR 260°C FOR 15 SEC.

FOR RECOMMENDED FOOTPRINT SEE FP0043.

ENGLISH / METRIC: ENGLISH

TOLERANCES UNLESS OTHERWISE SPECIFIED
MACHINED SURFACES TO BE 125 OR BETTER
REMOVE ALL BURRS

ENGLISH (INCHES)	METRIC (MM)
.XX ±.02	.X ±.25
.XXX ±.010	.XX ±.13

ANGLES ± 0° 30'

CHECKED BY:

DRAWN BY: RME

ENGINEER: SWB

SCALE: 2:1

DATE: 11JUN01

REV	DATE	BY	DCN No.	REMARKS
A	05JUN01	SWB	DEV.	GEN. REV. PER 1646
II	08SEP00	SWB	DEV.	INI. ISS. PER 1321

APPLIC: CERAMIC COAXIAL FILTER

TITLE: 6BCR6B-fo/100-D

SHEET NO/OF: 1 1

COMNAV ENGINEERING INC.

FINISH:
JACKET:NI/SILVER
RESONATOR:SILVER
PINS: TIN PLATED BRASS

DRAWING No. 0L0263