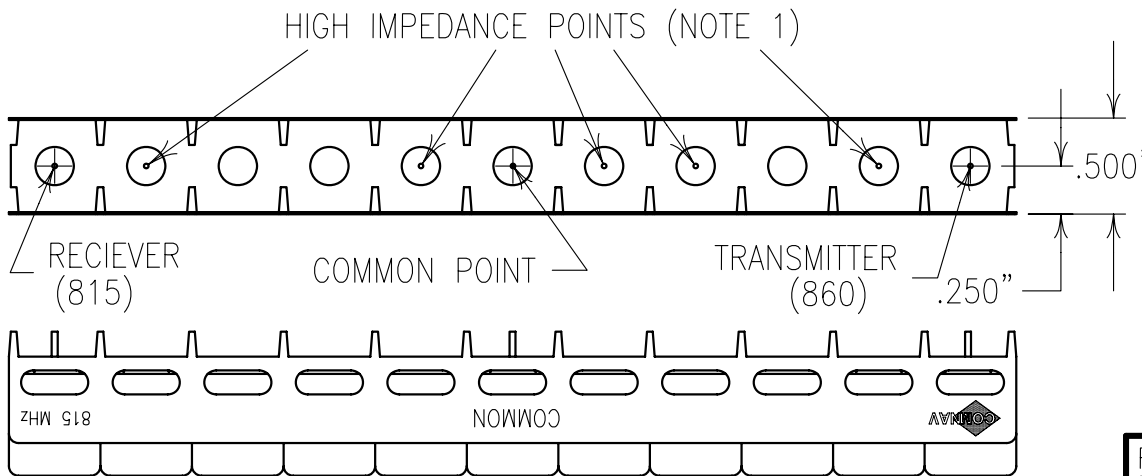


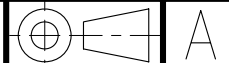
**COPY**

**Customer Validation:**



ELECTRICAL CHARACTERISTICS		
CENTER FREQ.	815 MHz	860 MHz
3dB BANDWIDTH	25 MHz NOM	25 MHz NOM
PASSBAND	806-824 MHz	851-869 MHz
FLATNESS	< 1.5 dB	< 1.5 dB
PASSBAND LOSS	< 2.0 dB MAX	< 2.0 dB MAX
PASSBAND RIPPLE	< 1.5 dB	< 1.5 dB
VSWR:	1.6:1	1.6:1
REJECTION: 45 dB	DC-780 MHz 870-2200 50dB 851-869 55dB	DC-830 MHz 939-2200

FILTER IS ROHS COMPLIANT.  
FILTER MAY BE ETCHED OR LABELED.



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NOTES: HAND OR WAVE SOLDERING.  
MAX REFLOW TEMP. 240°C FOR 30 SEC.,  
OR 260°C FOR 15 SEC.  
NOTE 1 THERE MUST BE A MINIMUM OF .050  
AIR BETWEEN GROUND AND HIGH IMPEDANCE  
POINTS. THIS MAY BE DONE BY RAISING  
THE FILTER OR BY DRILLING OUT THE BOARD.  
FOOTPRINT AVAILABLE UPON REQUEST.

ENGLISH / METRIC ENGLISH	CHECKED BY				
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY PBF				
MACHINED SURFACES TO BE 125 / OR BETTER	ENGINEER KJR	II	08NOV07	KJR	DEV. INI. ISS. PER 2771
REMOVE ALL BURRS	REV	DATE	BY	DCN No.	REMARKS
ENGLISH (INCHES) .XX ±.02 .XXX ±.010	METRIC (MM) .X ±.5 .XX ±.25	SCALE 1:1	APPLIC: CERAMIC COAXIAL FILTER		
ANGLES ± 0° 30'	DATE 08NOV07	TITLE: 11DCR12C-815/860/C25-D			
	FINISH: RESONATORS: SILVER JACKET: NI/SILVER PINS: TINNED	DRAWING No.		SHEET OF 1 1	
		0L0796			