

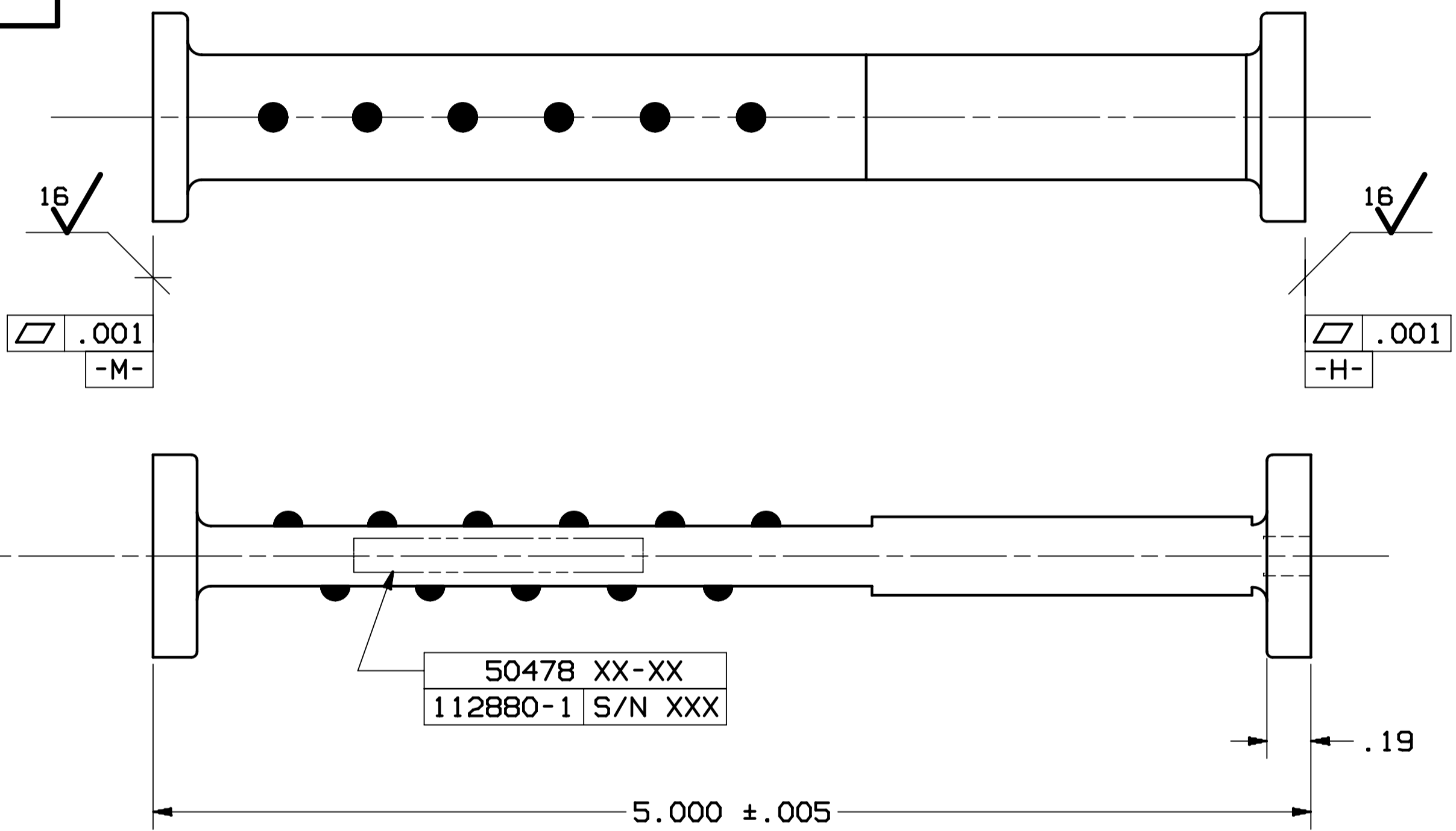
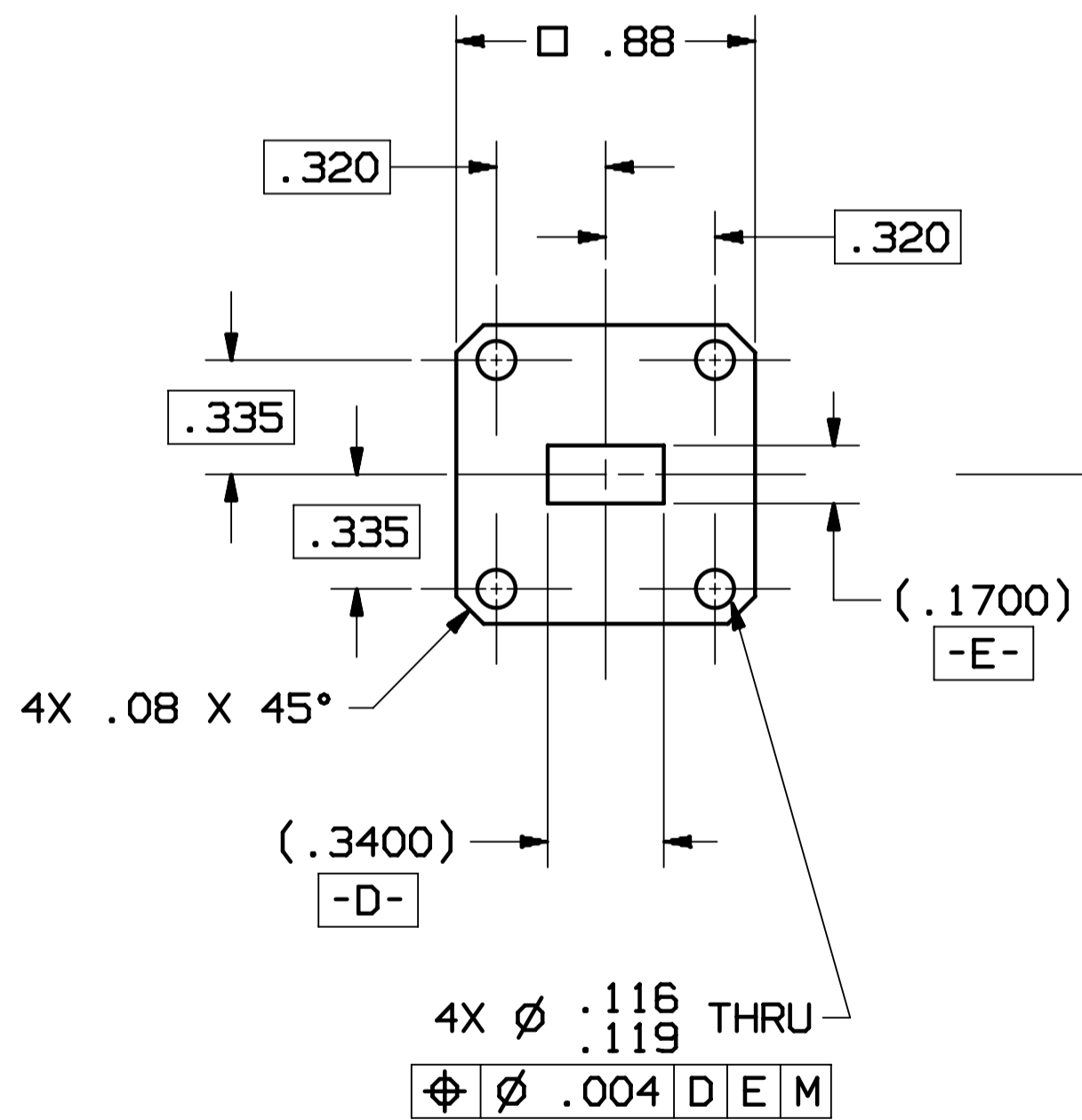
# SPECIFICATIONS

## REVISIONS

PASSBAND FREQUENCY: 20.20 - 21.20 GHz  
 INSERTION LOSS: 0.30 dB MAX  
 VSWR: 1.2:1 MAX  
 GROUP DELEY: <2ns PEAK TO PEAK  
 REJECTION: 30dB MIN AT < 17.0 GHz  
 15dB MIN AT 17.0 TO 19.3 GHz  
 15dB MIN AT 25.0 GHz  
 75dB MIN AT 30.0 TO 31.0 GHz  
 105dB MIN AT 43.5 TO 45.5 GHz  
 POWER HANDLING: 25 W CW

PRESSURIZATION: SEALED TO 5 PSI  
 FINISH  
 FLANGE FACES: BRASS  
 EXTERIOR: BLACK PAINT, COLOR  
 No. 37038 PER  
 FED-STD-595

REV	DESCRIPTION	DATE	APPROVED
A	SEE REVISION SHEET	02-10-03	



**FLANGE INTERFACE  
 TYPICAL BOTH ENDS**

UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
DIMENSIONS ARE IN INCHES		DRAWN: TOVALIN	02-10-03
TOLERANCES-		CHECKED:	02-10-03
SURFACE .XX ± .01		ENGRG:	
.XXX ± .002		ENGRG:	
.XXXX		MFG:	
32 ✓ ANGLS ±0°30'			
MATERIAL			
FINISH			

**VertexRSI™**  
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**K-BAND FILTER**

SIZE	FSCM No.	DRAWING No.
C	50478	112880
SCALE:		SHEET