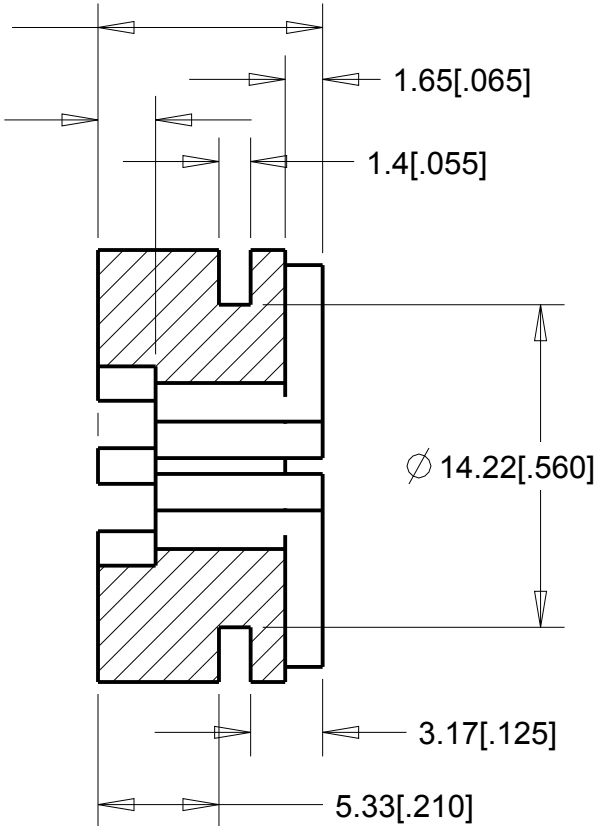
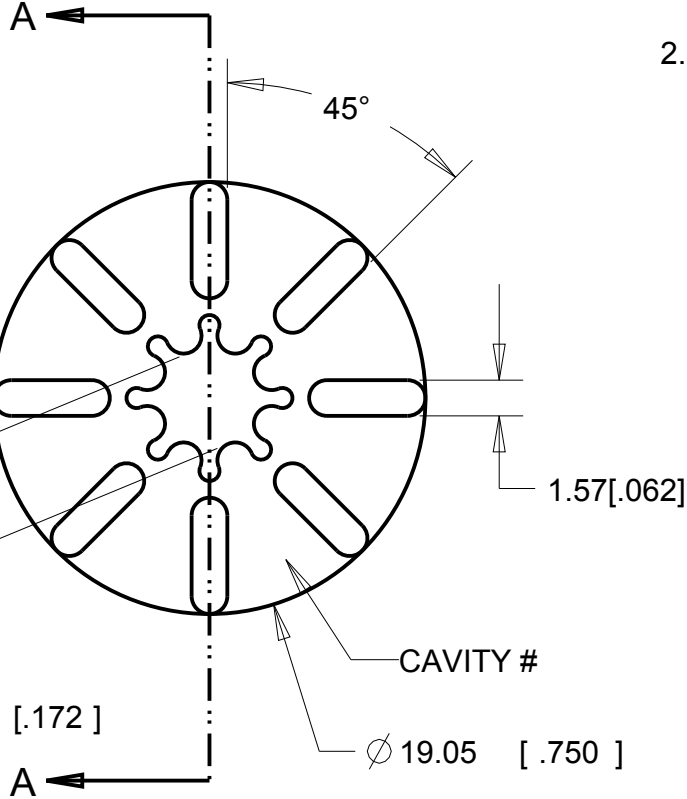
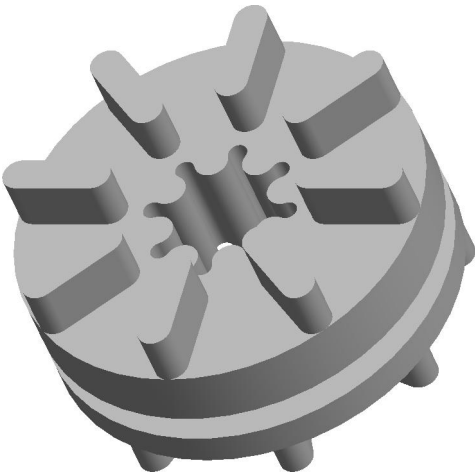




SECTION A-A

REVISIONS				
DRAWN	REV	DESCRIPTION	DATE	APPROVED
DH	00	ORIGINAL	8-26-98	DC
KP/TC	01	UPDATED FORMAT, NOTES, TOLERANCES, ADDED WEIGHT, CAVITY LOCATION, AND -X TO NAMING CONVENTION.	9-8-11	MS



GROMMET MATERIAL	SEE PAGE
ISODAMP	1
VERSADAMP	1
ISOLOSS	2

G-431-C8012	C-8012
G-431-C8002	C-8002
G-431-C8001	C-8001
G-431-V2325	V-2325
G-431-3	C-1100
G-431-2	C-1105
G-431-1	C-1002
PART NUMBER	MATERIAL

RANGE	TOL
0<D=<2 [.079]	± 0.15 [.006]
2 [.079]<D=<25 [.984]	± 0.25 [.010]
25 [.984]<D=<50 [1.969]	± 0.4 [.016]
50 [1.969]<D	± 0.6 [.024]

5. FOR ISOLOSS MATERIAL, USE THE TOLERANCE TABLE ON PAGE 2
4. FOR VERSADAMP AND ISODAMP MATERIAL, USE THE TOLERANCE TABLE ON PAGE 1
3. MAX DRAFT ALLOWED: 2°
2. CRITICAL DIMENSIONS SHALL HAVE C_{pk} VALUE >= 1.33 WITH ONGOING SPC DATA REQUIRED
1. CRITICAL DIMENSIONS ARE MARKED WITH "**".

NOTES:

UNLESS OTHERWISE SPECIFIED UNITS ARE: MM [IN] TOLERANCES ARE IN THE TABLE TO THE LEFT: ANGLES ±1.0 °	MATERIAL: SEE TABLE ON LEFT	AEARO TECHNOLOGIES LLC * a 3M company		
	QUALITY CONTROL: MUST COMPLY WITH AEARO TECHONOLGIES LLC SUPPLIER QUALITY MANUAL REQUIREMENTS	TITLE GROMMET - ASYMMETRIC		
	GATE: ±0.15MM [.006] CALC WT 2.08 GRAM REF	SIZE B	ITEM CODE	DWG NO. G-431-X PAGE 1 OF 2
NOTES: ANY FEATURE NOT DIMENSIONED IN PRINT MUST BE VISIBLY PRESENT, UTILIZE 3D CAD FOR CREATION				

1		2		3		4																																								
D	E·A·R™ REVISIONS						D																																							
C							C																																							
B							B																																							
A	<table><tr><td>G-431-SL60300</td><td>SL-60300</td></tr><tr><td>G-431-SL50300</td><td>SL-50300</td></tr><tr><td>G-431-SL35300</td><td>SL-35300</td></tr><tr><td>G-431-SL20300</td><td>SL-20300</td></tr><tr><td>PART NUMBER</td><td>MATERIAL</td></tr></table>		G-431-SL60300	SL-60300	G-431-SL50300	SL-50300	G-431-SL35300	SL-35300	G-431-SL20300	SL-20300	PART NUMBER	MATERIAL	<table><tr><td>RANGE</td><td>TOL</td></tr><tr><td>0<D=<10 [.394]</td><td>± 0.15 [.006]</td></tr><tr><td>10 [.394]<D=<20 [.787]</td><td>± 0.2 [.008]</td></tr><tr><td>20 [.787]<D=<50 [1.969]</td><td>± 0.25 [.010]</td></tr><tr><td>50 [1.969]<D=<80 [3.150]</td><td>± 0.35 [.014]</td></tr><tr><td>80 [3.150]<D</td><td>±0.5%</td></tr></table>		RANGE	TOL	0<D=<10 [.394]	± 0.15 [.006]	10 [.394]<D=<20 [.787]	± 0.2 [.008]	20 [.787]<D=<50 [1.969]	± 0.25 [.010]	50 [1.969]<D=<80 [3.150]	± 0.35 [.014]	80 [3.150]<D	±0.5%	<table><tr><td>UNLESS OTHERWISE SPECIFIED UNITS ARE: MM [IN] TOLERANCES ARE IN THE TABLE TO THE LEFT: ANGLES ±1.0 °</td><td>MATERIAL: SEE TABLE ON LEFT</td><td colspan="2">AEARO TECHNOLOGIES LLC * a 3M company</td></tr><tr><td>ALLOWABLE FLASH: 0.3 MM [0.012]</td><td>QUALITY CONTROL: MUST COMPLY WITH AEARO TECHONOLGIES LLC SUPPLIER QUALITY MANUAL REQUIREMENTS</td><td colspan="2">TITLE GROMMET - ASYMMETRIC</td></tr><tr><td>GATE:</td><td>NOTES: ANY FEATURE NOT DIMENSIONED IN PRINT MUST BE VISIBLY PRESENT, UTILIZE 3D CAD FOR CREATION</td><td>SIZE B</td><td>ITEM CODE</td></tr><tr><td>CALC WT 1.76 GRAM REF</td><td></td><td colspan="2">DWG NO. G-431-X PAGE 2 OF 2</td></tr></table>		UNLESS OTHERWISE SPECIFIED UNITS ARE: MM [IN] TOLERANCES ARE IN THE TABLE TO THE LEFT: ANGLES ±1.0 °	MATERIAL: SEE TABLE ON LEFT	AEARO TECHNOLOGIES LLC * a 3M company		ALLOWABLE FLASH: 0.3 MM [0.012]	QUALITY CONTROL: MUST COMPLY WITH AEARO TECHONOLGIES LLC SUPPLIER QUALITY MANUAL REQUIREMENTS	TITLE GROMMET - ASYMMETRIC		GATE:	NOTES: ANY FEATURE NOT DIMENSIONED IN PRINT MUST BE VISIBLY PRESENT, UTILIZE 3D CAD FOR CREATION	SIZE B	ITEM CODE	CALC WT 1.76 GRAM REF		DWG NO. G-431-X PAGE 2 OF 2			
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