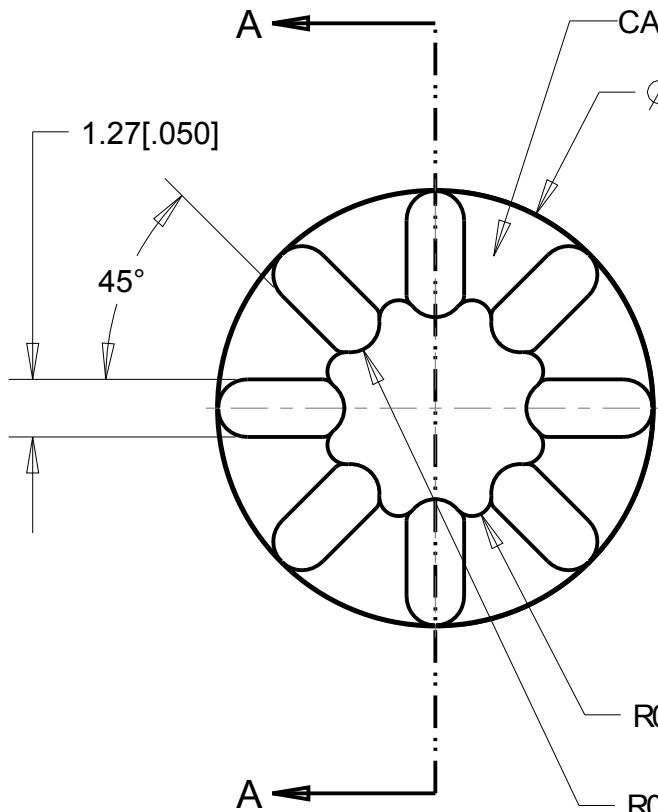




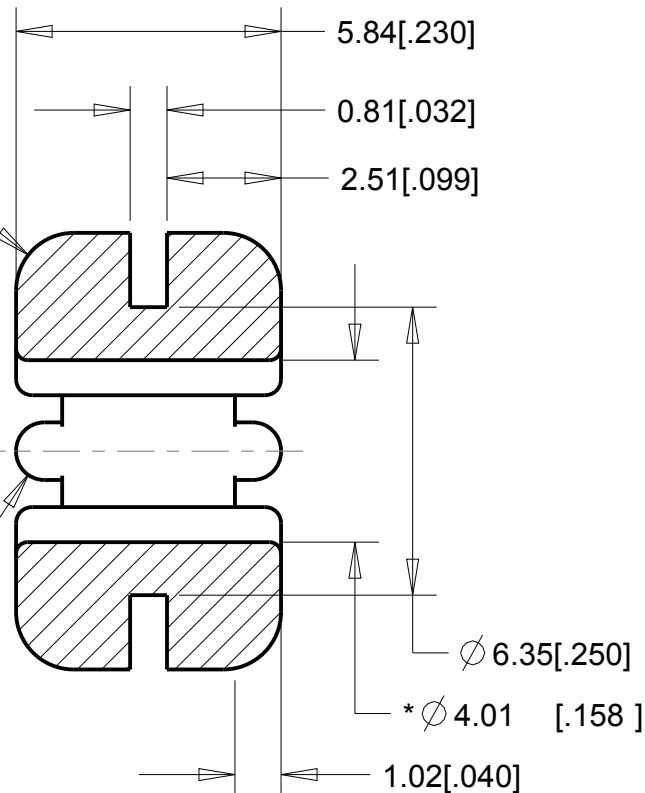
CAVITY #

Ø 9.63 [.379]

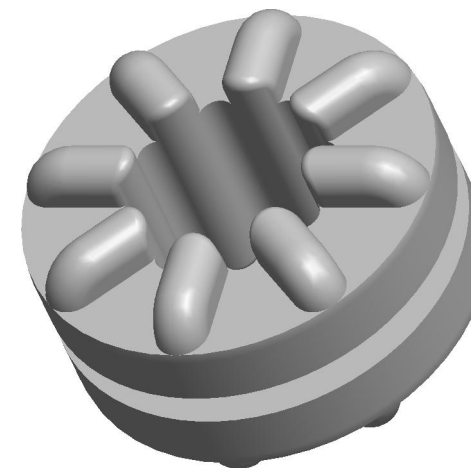
R1.27 [.050]

R0.43 [.017] REF

R0.64 [.025]



SECTION A-A



REVISIONS

DRAWN	REV	DESCRIPTION	DATE	APPROVED
PAM	00	INITIAL RELEASE	5-19-03	DTC
TC	01	UPDATED FORMAT AND INCLUDED C-8002 MATERIAL.	3-23-09	JS
TC	02	UPDATED MATERIAL CALLOUT WITH SL AND ADDED TOLERANCE TABLES.	3-10-10	JS
TC	03	UPDATED SL TOLERANCE TABLE	3-23-10	JS
TC	04	REMOVED ITEM CODES, ADDED SL PAGE	5-5-10	JS
TC	05	FIXED DECIMALS AND ADDED CAVITY #	6-6-10	JS
KP/TC	06	UPDATED FORMAT, ADDED WEIGHT	9-6-11	MS

GROMMET MATERIAL	SEE PAGE
ISODAMP	1
VERSADAMP	1
ISOLOSS	2

G-412-V2325	V-2325
G-412-3	C-1100
G-412-2	C-1105
G-412-1	C-1002
G-412-C8001	C-8001
G-412-C8002	C-8002
G-412-C8012	C-8012
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]

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

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 - SYMMETRIC, INTERNALLY RIBBED		
	GATE: ±0.15MM [.006] CALC WT 0.29 GRAM REF	SIZE B	ITEM CODE	DWG NO. G-412-X PAGE 1 OF 2
NOTES: ANY FEATURE NOT DIMENSIONED IN PRINT MUST BE VISIBLY PRESENT, UTILIZE 3D CAD FOR CREATION				

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D		REVISIONS						D																																																																							
C								C																																																																							
B								B																																																																							
A		<table><tr><td>G-412-SL20300</td><td>SL-20300</td><td colspan="2"></td><td colspan="2">UNLESS OTHERWISE SPECIFIED UNITS ARE: MM [IN] TOLERANCES ARE IN THE TABLE TO THE LEFT: ANGLES ±1.0 °</td><td colspan="2">MATERIAL: SEE TABLE ON LEFT</td><td colspan="2">AEARO TECHNOLOGIES LLC * a 3M company</td></tr><tr><td>G-412-SL35300</td><td>SL-35300</td><td colspan="2">RANGE</td><td colspan="2">TOL</td><td colspan="2">QUALITY CONTROL: MUST COMPLY WITH AEARO TECHONOLGIES LLC SUPPLIER QUALITY MANUAL REQUIREMENTS</td><td colspan="2">TITLE GROMMET - SYMMETRIC, INTERNALLY RIBBED</td></tr><tr><td>G-412-SL50300</td><td>SL-50300</td><td colspan="2">0<D=<10 [.394]</td><td colspan="2">± 0.15 [.006]</td><td colspan="2">ALLOWABLE FLASH: 0.3 MM [0.012]</td><td colspan="2"></td></tr><tr><td>G-412-SL60300</td><td>SL-60300</td><td colspan="2">10 [.394]<D=<20 [.787]</td><td colspan="2">± 0.2 [.008]</td><td colspan="2">GATE:</td><td colspan="2">NOTES: ANY FEATURE NOT DIMENSIONED IN PRINT MUST BE VISIBLY PRESENT, UTILIZE 3D CAD FOR CREATION</td></tr><tr><td>PART NUMBER</td><td>MATERIAL</td><td colspan="2">20 [.787]<D=<50 [1.969]</td><td colspan="2">± 0.25 [.010]</td><td colspan="2">CALC WT 0.24 GRAM REF</td><td colspan="2">SIZE B</td></tr><tr><td></td><td></td><td colspan="2">50 [1.969]<D=<80 [3.150]</td><td colspan="2">± 0.35 [.014]</td><td colspan="2"></td><td colspan="2">ITEM CODE</td></tr><tr><td></td><td></td><td colspan="2">80 [3.150]<D</td><td colspan="2">±0.5%</td><td colspan="2"></td><td colspan="2">DWG NO. G-412-X PAGE 2 OF 2</td></tr></table>						G-412-SL20300	SL-20300			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		G-412-SL35300	SL-35300	RANGE		TOL		QUALITY CONTROL: MUST COMPLY WITH AEARO TECHONOLGIES LLC SUPPLIER QUALITY MANUAL REQUIREMENTS		TITLE GROMMET - SYMMETRIC, INTERNALLY RIBBED		G-412-SL50300	SL-50300	0<D=<10 [.394]		± 0.15 [.006]		ALLOWABLE FLASH: 0.3 MM [0.012]				G-412-SL60300	SL-60300	10 [.394]<D=<20 [.787]		± 0.2 [.008]		GATE:		NOTES: ANY FEATURE NOT DIMENSIONED IN PRINT MUST BE VISIBLY PRESENT, UTILIZE 3D CAD FOR CREATION		PART NUMBER	MATERIAL	20 [.787]<D=<50 [1.969]		± 0.25 [.010]		CALC WT 0.24 GRAM REF		SIZE B				50 [1.969]<D=<80 [3.150]		± 0.35 [.014]				ITEM CODE				80 [3.150]<D		±0.5%				DWG NO. G-412-X PAGE 2 OF 2		A	
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