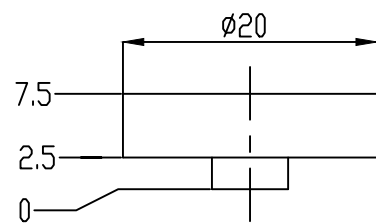


FABRICATION OF SILICON RUBBER COMPONENTS WITH SHOR HARDNESS OF 60

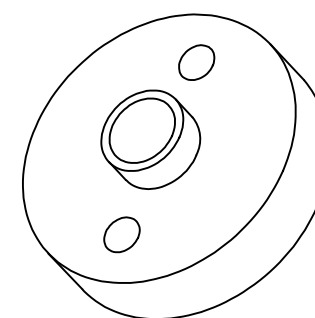
Ref: IMW/SL/ML/TRU/10/07/2026

1. THE ORDER SHOULD NOT BE PREFERABLY SPLITTED. THE COMPREHENSIVE QUOTE CONSIDERING AVAILABILITY OF ALL COMPONENTS, FOR AT CSIO WILL BE CONSIDERED.
2. THE REQUIRED QUANTITY IS MENTIONED AND COMPONENTS SHOULD BE SEALED/PACKED AS PER THE ORIGINAL FACTORY PACKING. IF FOUND DAMAGED, WILL BE RETURNED.
3. THE PRICE SHOULD BE INCLUDING EX-CSIO DELIVERY.
4. THE VALID COC/INSPECTION REPORTS SHOULD BE SHARED.
5. PAYMENTS WILL BE CLEARED AFTER SUCCESSFUL TESTING/INSTALLATION AS PER REQUIREMENTS PAYMENT AND OTHER THINGS AS PER CSIO NORMS
6. PL MAIL AT sunil.kumar.csio@csir.res.in, harry.garg.csio@csir.res.in
7. QUOTE TIME 4 DAYS FROM DATE OF TENDER. NO ADVANCE PAYMENT WILL BE GIVEN.
8. THE DETAILS OF USER WILL NOT BE SHARED.
9. PL QUOTE WITH 18% GST AND DELIVERY TIMELINES OF 30 DAYS. SHARE AND ATTACH RELEVANT COMPANY DOCUMENTS.
10. KINDLY FILL ALL THE RELEVANT FIELDS MENTIONED IN THE TENDER AND STRIKEOUT WHICHEVER IS NOT APPLICABLE.

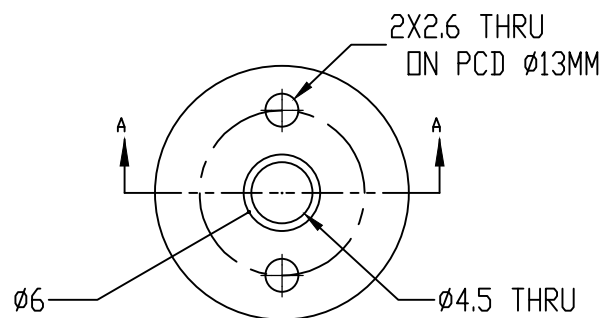
IF IN DOUBT ASK



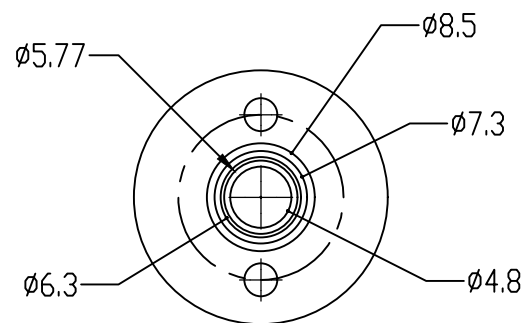
TOP VIEW



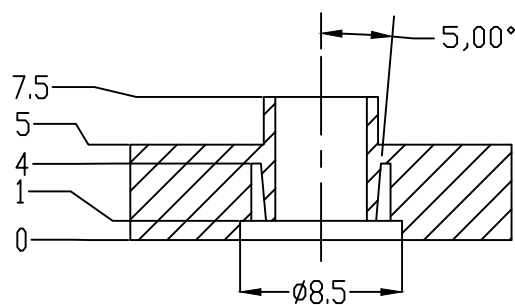
ISOMETRIC VIEW



FRONT VIEW



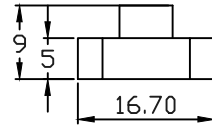
BACK VIEW



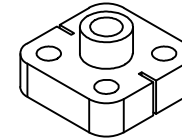
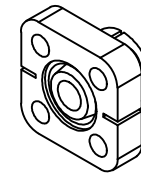
SECTION A-A
SCALE 1:1

			UNLESS OTHERWISE STATED		MATERIAL	SPEC.	HEAT TRT.	SPEC.	PROTECTIVE TRT.	SPEC.
			1. DIMENSIONS ARE IN mm.		Silicon Rubber	----	----	----		
			2. LIMIT ± 0.2 ; $\pm 30'$							
			3. SURFACE FINISH $\sqrt{16}$ (CLA)							
			4. ROUND OFF SHARP EDGES							
						EST.WT.(g)			GROMMET WINGTIP MARKER LIGHT	

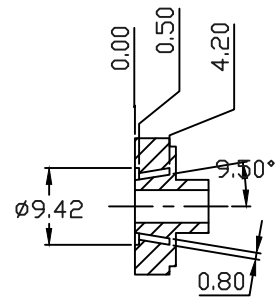
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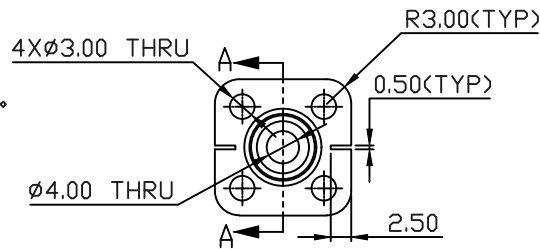
TOP VIEW



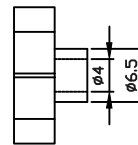
ISOMETRIC VIEW



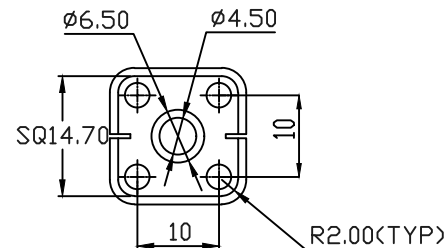
SECTION A-A
SCALE 1:1



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

TABLE
SPECIFICATION:

PARAMETER	MATERIAL
	999
MIL EQUIVALENT	TYPE 'E' MILDTL83528
ELASTOMER	SILICONE
CONDUCTIVE FILLER	Ag
VOLUME RESISTIVITY(ohm-cm,Max.)	0.002
DUROMETER(SHORE A+7)	65
SPECIFIC GRAVITY ohm-cm(+0.4)	3.4
TENSILE STRENGTH (psi,min.)	300
ELONGATIONJ (percent min.)	200
TEAR STRENGTH (lb/in/min.)	50
MAX.OPERATING TEMPERATURE (°C)	

EFFECTIVENESS:

FREQUENCY	SHIELDING EFFECTIVENESS
	999
200 KHz (H FIELD)	70
100 MHz (E FIELD)	120
2 GHz (PLANE WAVE)	120
10 GHz (PLANE WAVE)	120

NOTE:

- 1) FOLLOW igs/STEP FILE FOR ANY MISSING DIMENSION.
- 2) HOLES SHOULD BE CHROMETISED ONLY.
- 3) $\pm .02$ TOLERANCE ACCEPTED.
- 4) PART WILL BE ACCEPTED AFTER INSPECTION.
- 5) DRAWING IS IN THIRD ANGLE PROJECTION.

UNLESS OTHERWISE STATED

1. DIMENSIONS ARE IN mm.
2. LIMIT ± 0.2 ; $\pm 30'$
3. SURFACE FINISH $\sqrt{16}$ (CLA)
4. ROUND OFF SHARP EDGES

MATERIAL

SPEC.

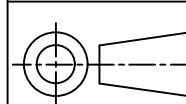
SILICON RUBBER

HEAT TRT.

SPEC.

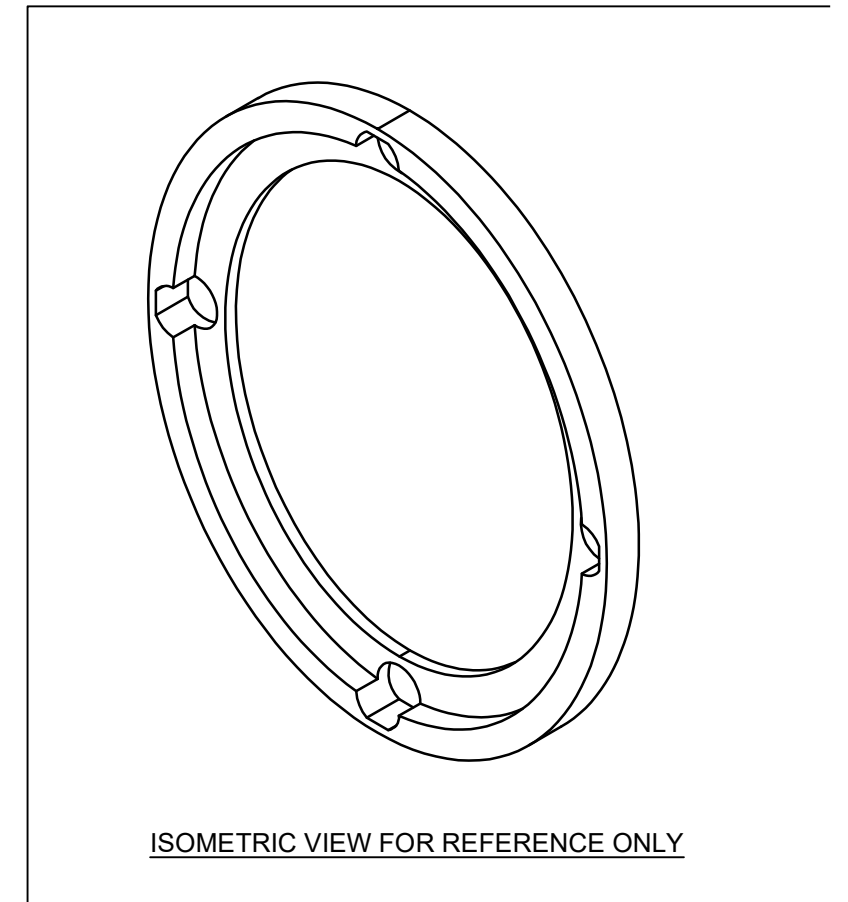
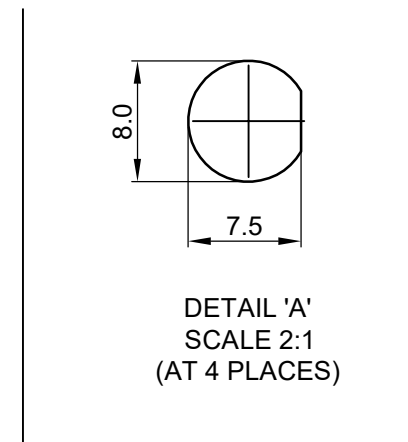
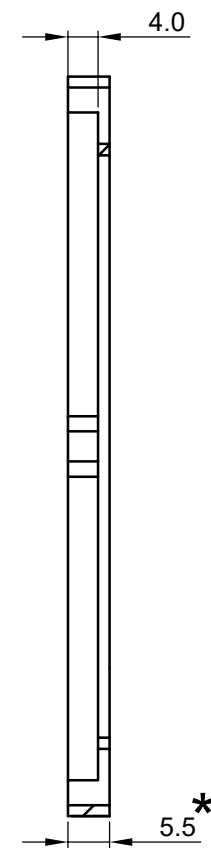
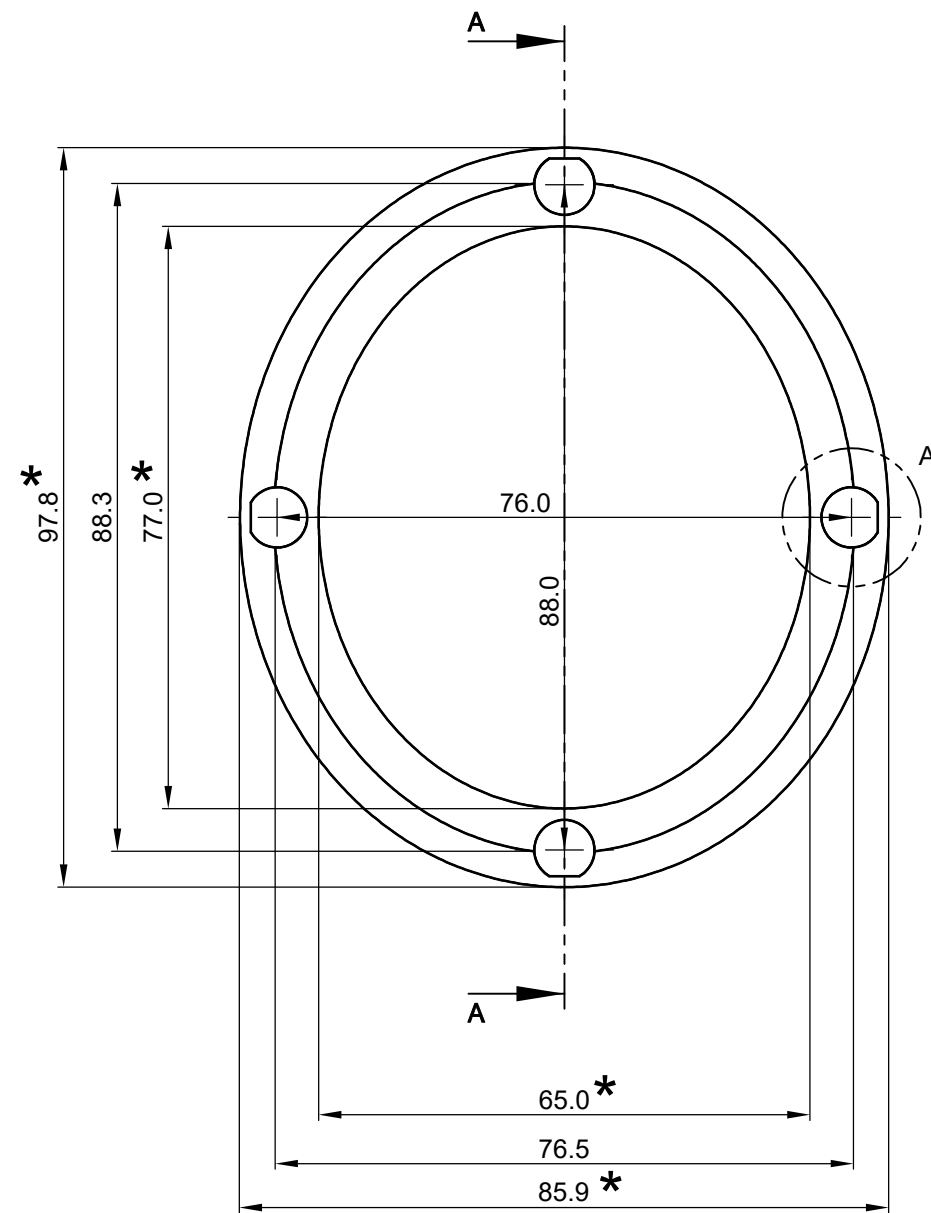
PROTECTIVE TRT.

SPEC.



EST.WT.(g)

GROMMET
SERVICE LIGHT



NOTES:

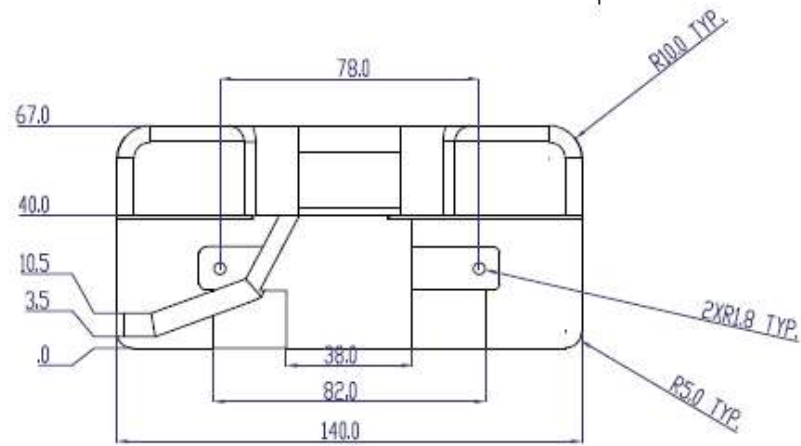
1. 2D DRAWING IS FOR INSPECTION PURPOSE ONLY. REFER IGES FILE FOR MANUFACTURING.
2. REFER MIL STD. ZZ-R-765E/GEN/A-A-59588 FOR MATERIAL PROPERTIES
3. 100% DIMENSIONAL CHECK TO BE DONE FOR DIMENSION MARKED AS '**'.
4. FIRST OFF SAMPLE TO BE SUBMITTED TO BEL BEFORE BULK PRODUCTION CLEARANCE.

2. REFER MIL STD. ZZ-R-765E/GEN/A-A-59588 FOR MATERIAL PROPERTIES

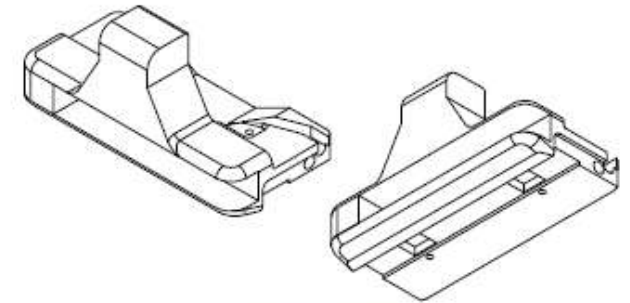
3. 100% DIMENSIONAL CHECK TO BE DONE FOR DIMENSION MARKED AS '*'. *

4. FIRST OFF SAMPLE TO BE SUBMITTED TO BEL BEFORE BULK PRODUCTION CLEARANCE.

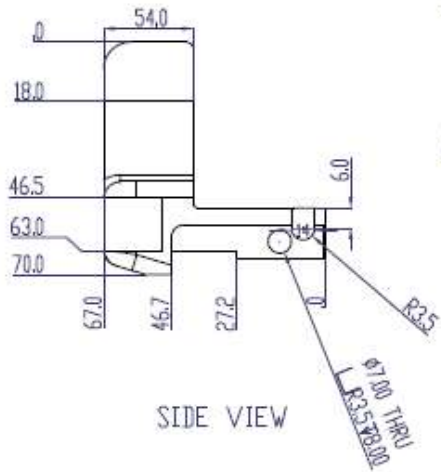
'*' CRITICAL TO QUALITY (CTQ)



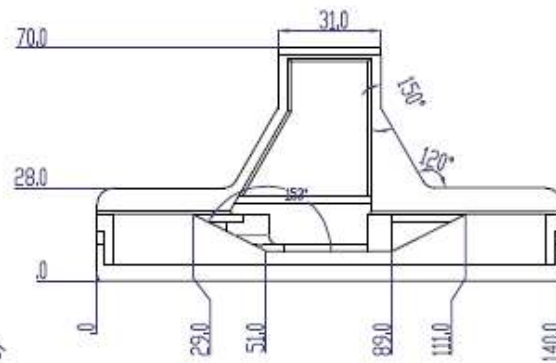
TOP VIEW



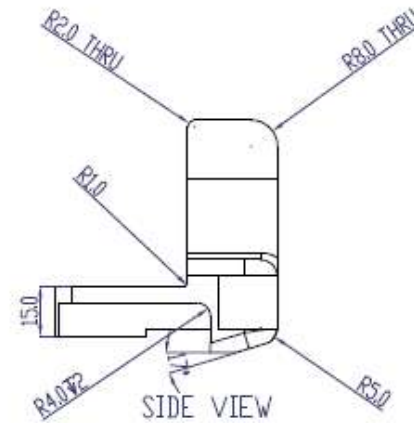
ISOMETRIC VIEW



SIDE VIEW



FRONT VIEW

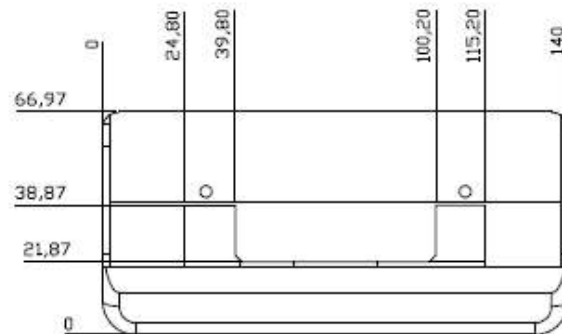


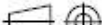
SIDE VIEW

NOTES:-

- 1) 2D DRAWING IS FOR HOLE DETAILS & INSPECTION PURPOSE ONLY. REFER IGES FILE FOR MANUFACTURING.
- 2) FIRST OFF SAMPLE TO BE APPROVED BY BEL.
- 3) TOLERANCES ARE NON-ACCUMULATIVE.
- 4) INSPECTION HAS TO BE DONE AS PER DM9003 'FINE CLASS'.
- 5) DEBURR ALL THE SHARP EDGES. SURFACE TO BE FREE FROM TOOL & GRINDING MARKS.
- 6) IGA HAS TO CHECK HELICOID DEPTHS (IF ANY) AS MENTIONED IN THE DRAWING.

SH60
Wt: 123±10%GMS
PART No.365171990124



PI	-	01-Jan-26	PROVISIONAL	SNJY	SNJY	RK			
VER	ECO NO.	REL. DATE	CHANGE	DD	ENGR	APVD	NEXT ASSY. NUMBER	ITEM	QTY
MATERIAL SILICON RUBBER			FINISH		PROJECTION 		ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED		LAB/OFFICE PKL
DRAWN		CHECKED	ENGINEER	SCALE	TITLE CRASH PAD II (NEW CAMERA)				

CRASH PAD II (NEW CAMERA)