

 \bigvee

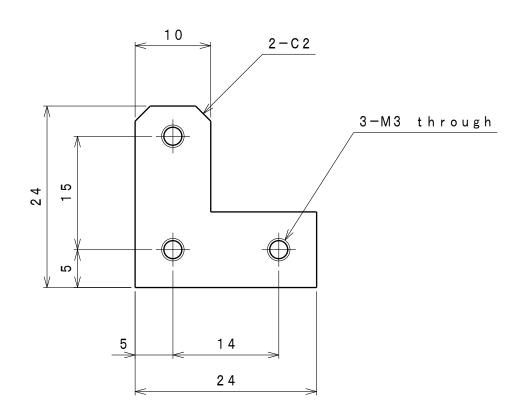
REV DATE DESCRIPTION

SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less





*		Н	o I d e	e r		S	U S 3 0 3		2		*	*	
No.		PAR.	T N A	M E		M A	TERIAL	. (Qty		FINISH	REMAR	(\$
0.5≦	TOLERANCE (mm) SURFACE ≦6 ±0.1 ROUGHNESS			APPRO	0 V A L	CHECK	188	SUE	DESIGN	TYTLE		SCALE 2 · 1	
6 < 30 < 120 <	≦30 ±0.2 SYMB0L (μm) ≦120 ±0.3 ▼▼▼ 0.8S		技行 2017/0	$\overline{}$	技術 2017/01/27	2017/	術(01/27)	技術 2017/01/27	Resonator Reinforcer	ment Fixture	2:1		
315< 1000<	≦1000 :	±0.8 ±1.2	∇	12. 5S 50S	尾		尾崎	<u> </u>	村村	澤田	23020-0	01-007	

REV DATE DESCRIPTION

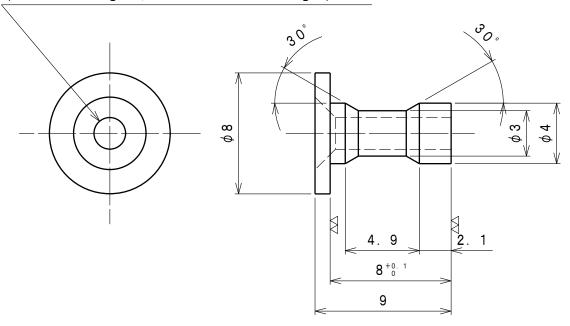
SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less

No burrs, warping, or significant scratches that impair the function.

ϕ 2. 1 through , countersinking ϕ 4. 8



*		(Gudi	е		S	U S 3 0 3		2		*	*	
No.		PAR	T NA	M E		M A	TERIAL	. Q	t y		FINISH	REMAR	(\$
GENERAL 0.5≦				FACE HNESS	APPR	0 V A L	CHECK	1881	U E	DESIGN	TYTLE		SCALE
6 < 3 0 <		≦30 ±0.1 SYMBOL		-, -	技	(術	技術	技術	i	技術	Resonator Reinforcer	ment Fixture	4:1
120<	<u>≤</u> 315	±0.2		3. 2S	2016/		2016/10/26	2016/10		2016/10/26	DRAWING No.		
315<	≦1000 ≤2000	±0.3 ±0.5	∇	12. 5S 50S	澤	町	澤田	澤田	シー	澤田	23020-0	01-008	

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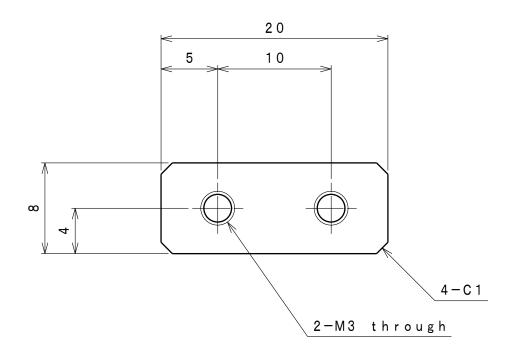
REV DATE

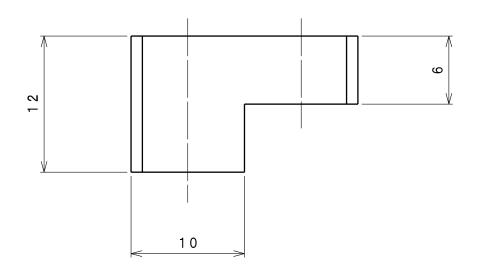
DESCRIPTION

SIG

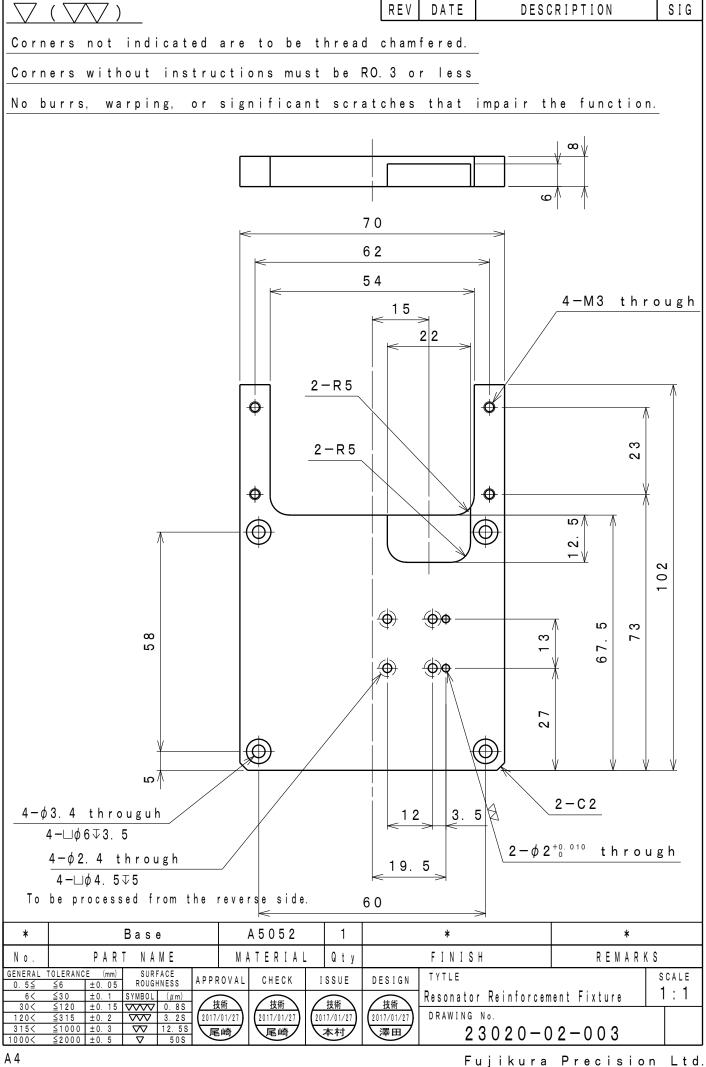
Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less





*		Н	o I d	e r		S	US303	1			*	*	
No.		PAR	T NA	M E		M A	TERIAL	Q t	у		FINISH	REMARK	S
GENERAL TOLERANCE (mm) 0.5≦ ≤6 ±0.05			ROUGI	FACE HNESS	APPR	OVAL	CHECK	ISSUE		DESIGN	TYTLE		SCALE 3:1
6 < 30 < 120 <	≦30 ≦120 ≦315	±0. 1 ±0. 15 ±0. 2	SYMBOL	(μm) 0.8S 3.2S	技2016/	$\overline{}$	技術 2016/10/04	技術 2016/10/04	E	技術 2016/10/04	Resonator Reinforce	ment Fixture	3 ; I
315<	≦1000 ≦2000	±0.3	∇	12. 5S 50S			澤田	澤田	7	澤田	23020-0	2-002	*



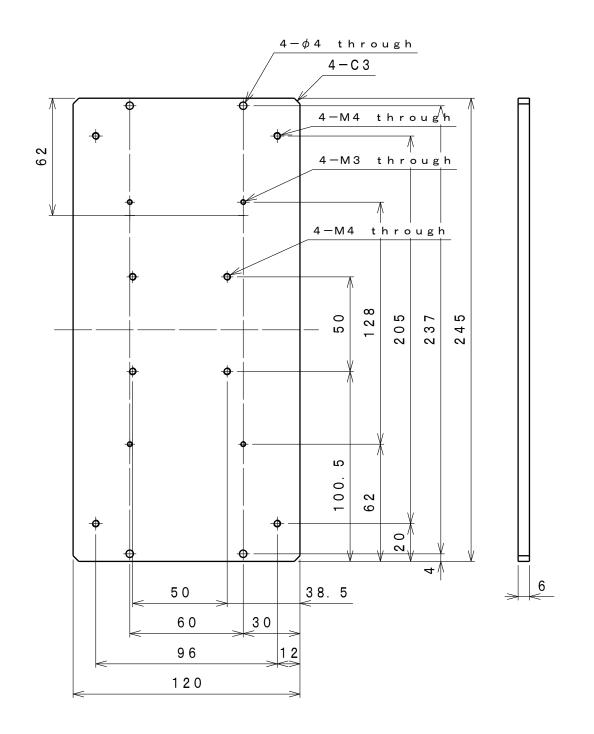
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REV DATE DESCRIPTION

SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less



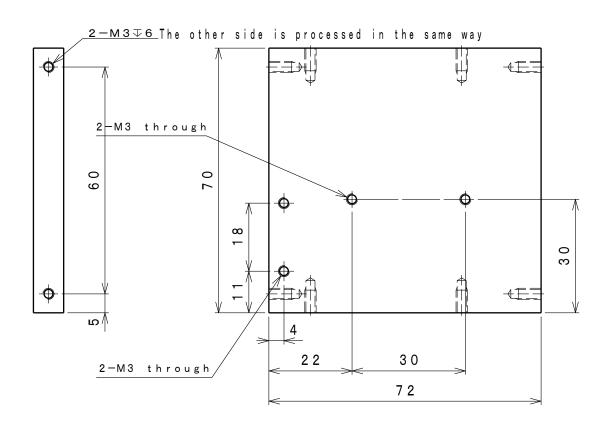
4			Base	Э		,	A 5 0 5 2		1		*	*	
No.	1	PAR.	T N A	M E		M A	TERIAL	. Q 1	t y		FINISH	REMARK	(\$
0.5≦	TOLERANCE (mm) SURFACE ≤6 ±0.05 ROUGHNESS				APPR	0 V A L	CHECK	ISSU	ΙE	DESIGN	TYTLE		SCALE 1 · 2
30< 120<	≦120 ±			_	技 6/29	1技	1技	_ \	1技	Resonator Reinforcer DRAWING No.	ment Fixture	1 . 2	
315<		0. 3	∇	12. 5S 50S		- 67 2 3	津田	栃原	— / I	栃原	23020-0	04-001	*

REV DATE DESCRIPTION SIG

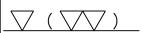
Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less

No burrs, warping, or significant scratches that impair the function.



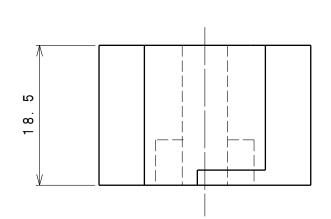
3		F	Plat	е			A 5 0 5 2	1		*	*	
No.		PAR	T NA	M E		M A	TERIAL	Q t y		FINISH	REMARK	S
GENERAL TOLERANCE (mm) 0. 5≦ ≦6 ±0. 05				FACE HNESS	APPF	ROVAL	CHECK	ISSUE	DESIGN	TYTLE	_	SCALE 1 · 1
6 < 3 0 <	≦30 ≦120		0. 1 SYMBOL (μm)		$\sqrt{1}$	技	1技	1技	1技	Resonator Reinforcen	nent Fixture	1:1
120<	≦315	±0.2	$\overline{\mathcal{W}}$	3. 2S 12. 5S		6/29	17/06/29	17/06/29		DRAWING No.	. 4 . 0 0 0	*
1000<		≦1000 ±0.3		5 0 S		崎	津田	栃原	栃原	23020-0	74-003	

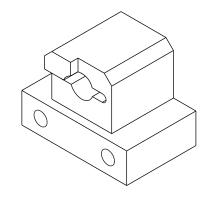


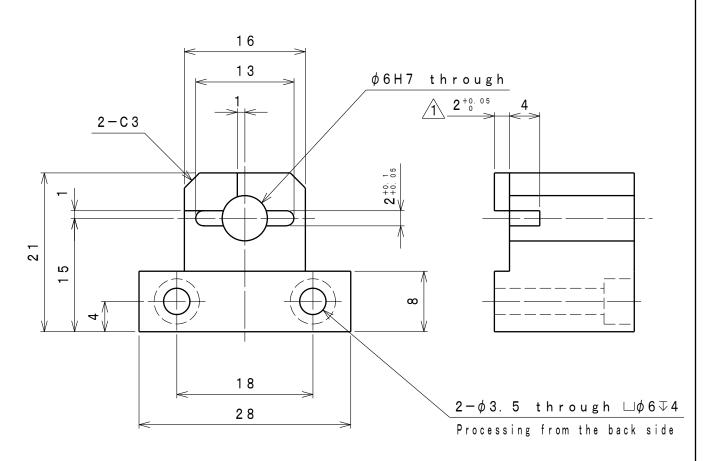
REV	DATE	DESCRIPTION	SIG
1	18/01/13	Tolerance Change	Nogami

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less







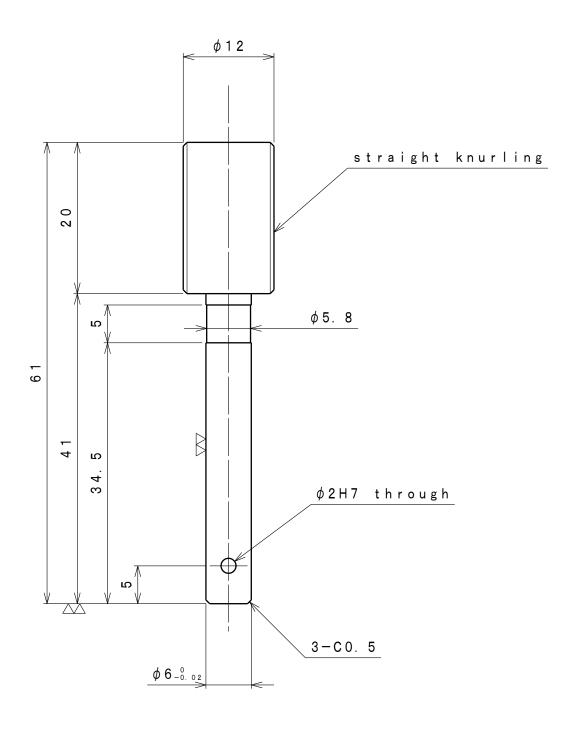
*		E	ВІос	k		PON	I (Blaci	k)	1		*	*	
No.		PAR	T N A	M E		M A	TERIAL	. (Qty		FINISH	REMAR	(\$
GENERAL 0.5≦	TOLERANC ≦6	E (mm) ±0.05		FACE HNESS	APPR	ROVAL	CHECK	188	SUE	DESIGN	TYTLE		SCALE
6 < 3 0 <	≦30 ≦120	±0.1 ±0.15	SYMBOL (µm)		/技	術	技術	技	(術	技術	Resonator Reinforcer	ment Fixture	2:1
120<	≦315	±0.2	$\overline{\nabla}$	3. 2 S		/10/04	2016/10/04	2016/		2016/10/04	DRAWING No.		
315<	≦1000 ≤2000		∇	12. 5S 50S			澤田	澤		澤田	23020-04	4-005-1	

REV DATE DESCRIPTION

SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less



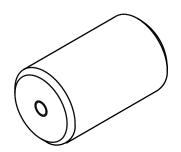
	*			Pin			S	U S 3 0 3	1		*	*	
П	No.		PAR	T NA	M E		M A	TERIAL	. Qty		FINISH	REMARK	S
_	0.5≦	TOLERANCE (mm) SURFACE ≦6 ±0.05 ROUGHNESS				APPR	ROVAL	CHECK	ISSUE	DESIGN	TYTLE		SCALE 2 · 1
F	6< 30< 120<	≤ 30 ± 0.1 SYMBOL (μm) ≤ 120 ± 0.15 $\checkmark\checkmark\checkmark$ 0.85 ≤ 315 ± 0.2 $\checkmark\checkmark\checkmark$ 3.25		技2016/	/10/04	技術 2016/10/04	技術 2016/10/04	技術 2016/10/04	Resonator Reinforcer	nent Fixture	4.1		
	315< 000<	≦1000 ≦2000	±0.3	∇	12. 5S 50S	4 1		澤田	澤田	澤田	23020-0	04-006	*

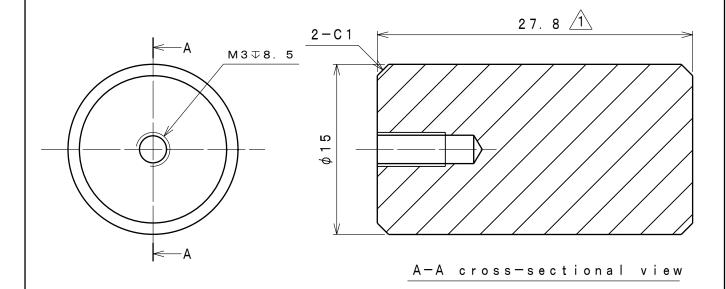


REV	DATE	DESCRIPTION	SIG
\triangle	17/10/13	Dimension change	Nogami

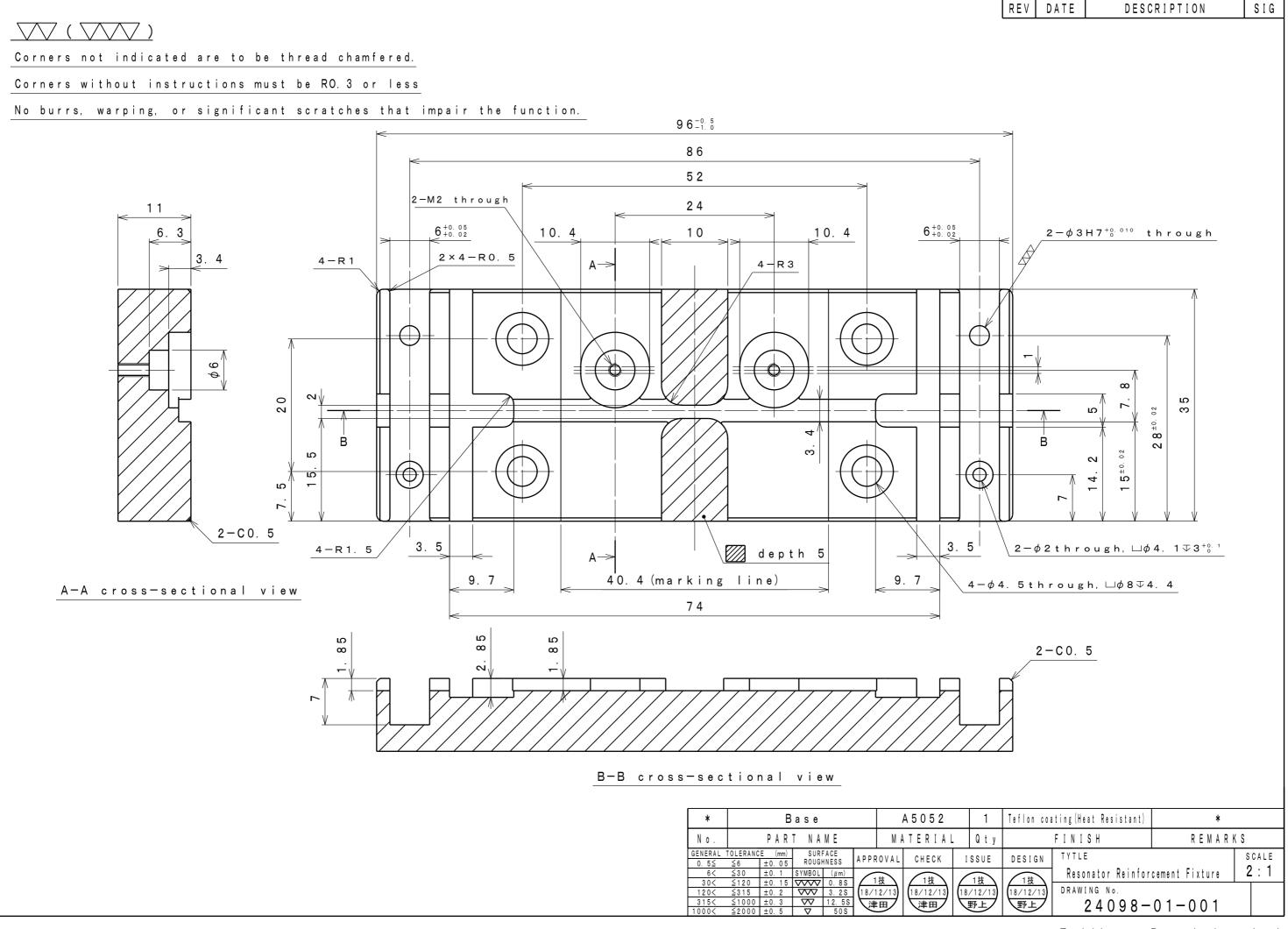
Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less





6		wei	ght ((40g)			C 2 8 0 1		1		*	*	
No.		PAR	T NA	M E		M A	TERIAL	. Q	Q t y		FINISH	REMAR	(\$
GENERAL TOLERANCE (mm) 0. 5≦ ≤6 ±0. 05				FACE HNESS	APPR	ROVAL	CHECK	188	SUE	DESIGN	TYTLE		SCALE
6 < 3 0 <	≦30 ≦120	0 ±0.1 SYMBOL (μm)		1	技	1技	13	技	1技	Resonator Reinforcer	ment Fixture	3 : 1	
120<	≦315	±0.2		3. 2S		06/29	17/06/29	17/0	6/29	17/06/29	DRAWING No.		
315<	≦1000 ≤2000		∇	12. 5S 50S	尾	崎	津田	析	原/	栃原	23020-05	5-002-1	



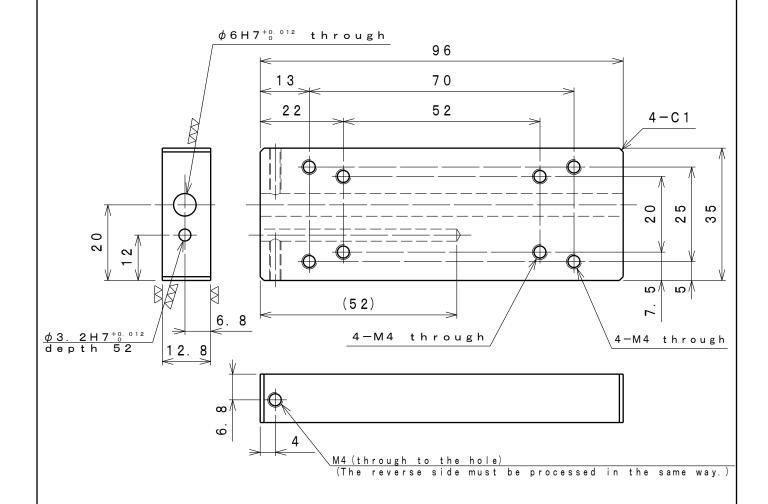
REV DATE

DESCRIPTION

SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less



_ L														
	*		Heat	er l	ВІос	k		A 5 0 5 2	1			*	*	
ſ	No.		PAR	T NA	M E		M A	TERIAL	. Qt	у		FINISH	REMARK	S
E	GENERAL 0.5≦	≥0 ±0.05 Koodini200			APPR	0 V A L	CHECK	I \$ \$ U I	E	DESIGN	TYTLE	_	SCALE	
ŀ	6 < 3 0 <	≦30 ±0.1 SYMB0L (μm) ≦120 ±0.15 ▼▼▼ 0.8S		1	技	1技	1技	Z	1技	Resonator Reinford	ement Fixture	1:1		
F	120< 315<	≦315 ≦1000	±0.2	∇	3. 2S 12. 5S	18/1		津田	18/12/野上	— /	野上	DRAWING No.	1 _ 0 0 2	*
ı	1000<				5 0 S	🌁	<u>"</u>	#*	1	/	±,T	24098-0	J 1 — U U Z	

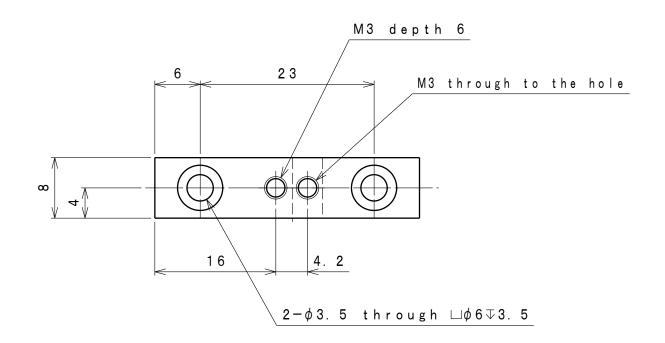
 ∇ (∇)

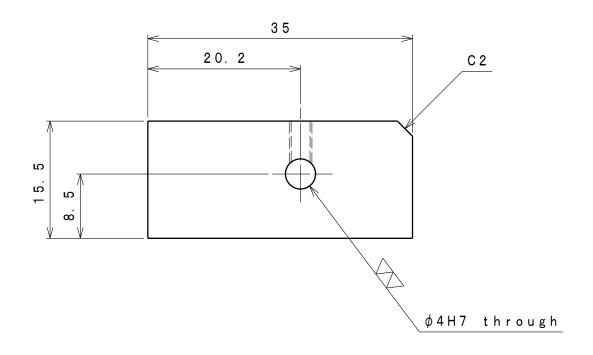
REV DATE DESCRIPTION

SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less



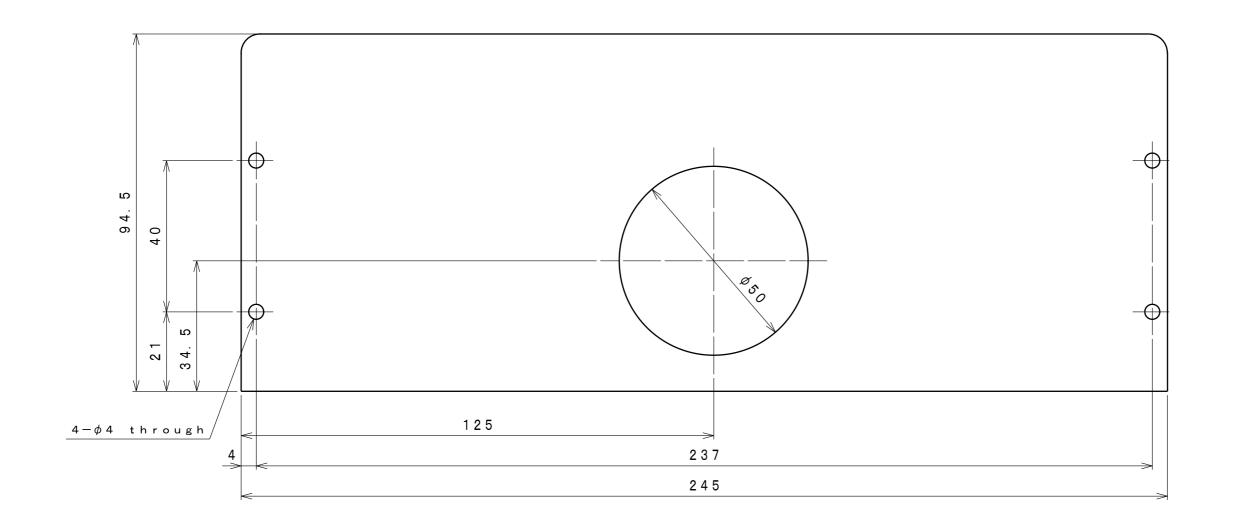


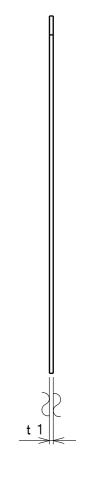
*		Н	o I d	e r			A 5 0 5 2	2		Whi	te almite	*	
No.		PAR	T NA	ME		M A	A T E R I A L	. Qt	у		FINISH	REMAR	(\$
GENERAL TOLERANCE (mm) 0. 5≦ ≦6 ±0. 05			SUR! ROUG!	FACE HNESS	APPF	ROVAL	CHECK	ISSU	Е	DESIGN	TYTLE		SCALE
6 < 3 0 <	≦30 ±0.1 SYMBOL (μm)			1	技	1技	1技	/	1技	Resonator Reinforc	ement Fixture	2:1	
120<	≦315	±0.2	∇	3. 2S		12/14	18/12/14	18/12/	14	18/12/14	DRAWING No.		
315<	≦1000 ≤2000		∇	12.5S 50S	津	世	津田	野上	フ	野上	24098-0	01-003	



Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less





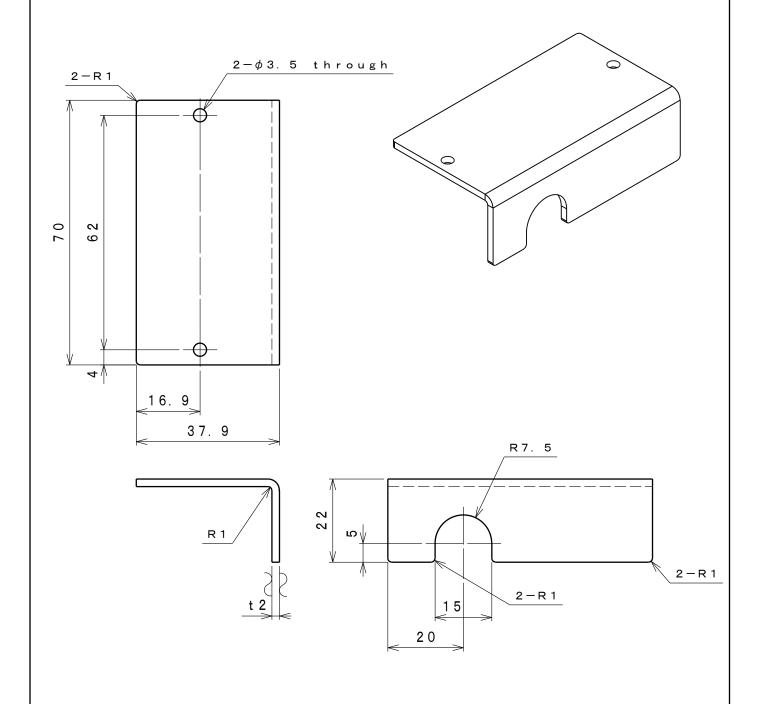
	*		C	ver			A 5 0 5 2				*	*		
ſ	Νο.		PAR	T N A	ME		MATERIAL				FINISH	REMARK	EMARKS	
F	GENERAL 0.5≦	TOLERANC ≦6	E (mm) ±0.1		FACE HNESS	APPROV	L CH	ECK	ISSUE	DESIGN	TYTLE		SCALE	
F	6 < 3 0 <	≤ 30 ± 0.2 ≤ 120 ± 0.3		SYMBOL	 		1	技	1技	1技	Resonator Reinfor	cement Fixture	1:1	
ŀ	120< 315<	≦315 ±0.5 ≦1000 ±0.8		$\overline{\nabla}$	3. 2 S 1 2. 5 S	18/12/1	12/13 (18/12/13)		18/12/13	DRAWING No. 24098-01-0		01-004		
Ī	1000<	≦2000	±1.2	∇	50S		🗸				24096-	01-004		

REV DATE DESCRIPTION

SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less



*		(Cove	r	Acr	ylic (clea	ar)	1		*	*		
No.		PAR	T N A	M E	M	MATERIAL			F I N I S H R E			MARKS	
GENERAL 0.5≦		E (mm) ±0.1	SURF ROUGH		APPROVA	ROVAL CHECK I			DESIGN				
6 < 3 0 <	≦30 ≦120	±0. 2 ±0. 3	SYMBOL	., .	1技	1技	1技		1技	Resonator Reinford	ement Fixture	1:1	
120< 315<	Z 1 0 0 0 1 - 1 1 0 - 1 0 - 1				津田	津田	18/12/野山	—/	野上	24098—	01-006		
1000<	≦2000	±1. 2	\Box	50S			(T)	ン		24096	0.1 - 0.00		

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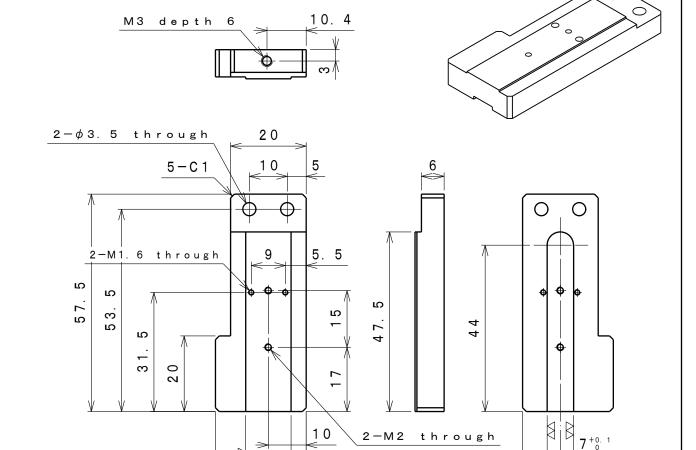
REV DATE DESCRIPTION

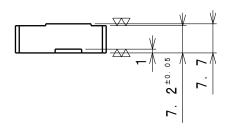
SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less

No burrs, warping, or significant scratches that impair the function.





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4 ±0. 02

1 2 -0. 05

*		Sli	de Bas	е	,	A 5 0 5 2		1	Whi	te almite	*	
No.		PAR	TNAME		MATERIAL			Qty		FINISH	REMARKS	
GENERAL 0.5≦	TOLERANC ≦6	E (mm) ±0.05	SURFACE ROUGHNESS	APPR	ROVAL CHECK I			SUE	DESIGN	TYTLE	_	SCALE
6 < 3 0 <	≦30 ≦120		SYMBOL (μm) O.8S	-1	1技 1技			技	1技	Resonator Reinforc	ement Fixture	1:1
120< 315<					2/14	津田	<u> </u>	2/14 上	野上	24098-0	0.1 - 0.0 7	
1000<	≦2000	±0.5	∇ 50S	7 ♥		(# E)	Œ,	<u>ا</u> ح	(F)	24090-0	J 1 — U U 1	

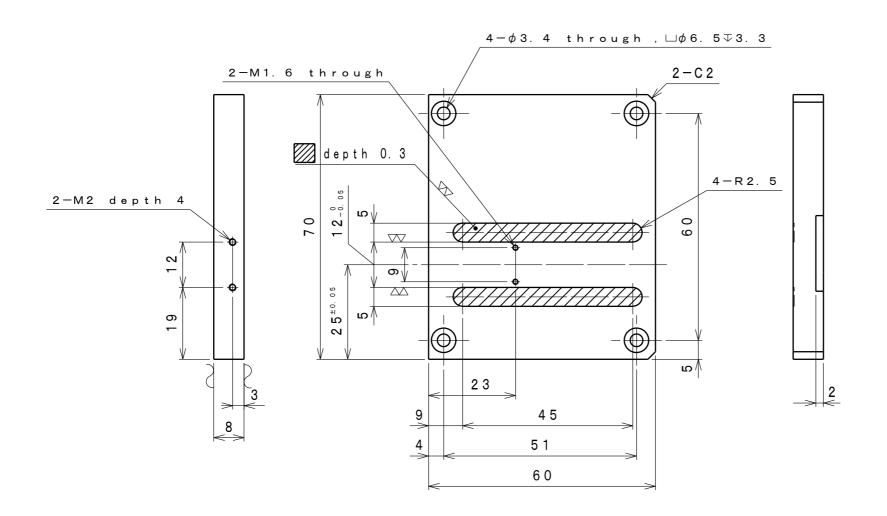
10

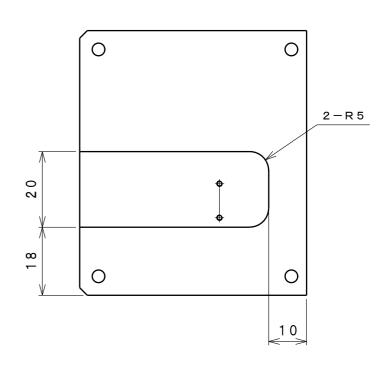
SIG



Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less





*		Р	late				A 5 0 5 2		1	White almite			*		
No.		PAR	T NA	ME		MATERIAL					FINISH		REMARK	REMARKS	
GENERAL 0.5≦		SURFACE ROUGHNESS APP			ROVAL CHECK I		SSUE	DESIGN	TYTLE			SCALE			
6<	< ≦30 ±0.1		SYMBOL			1技 1技			1技	1技	Resonator	Reinfor	cement Fixture	2:1	
120<	30< ≦120 ±0.15		$\overline{\Diamond}$	3. 2S	18/12/13		18/12/13	18/	/12/13	18/12/13	DRAWING	Νο.			
315< 1000<			∇	12. 5S 50S	撑	画	津田		野上	野上	2 4	098-	01 - 008		

REV DATE

DESCRIPTION

SIG

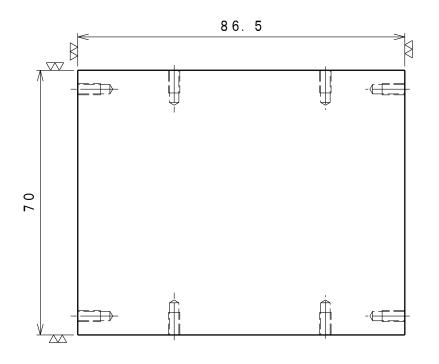
Corners not indicated are to be thread chamfered.

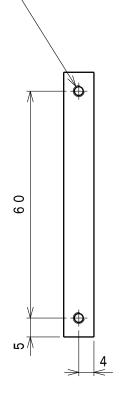
Corners without instructions must be RO. 3 or less

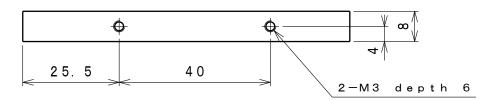
No burrs, warping, or significant scratches that impair the function.

2-M3 depth 6

The reverse side must be processed in the same way.







The reverse side must be processed in the same way.

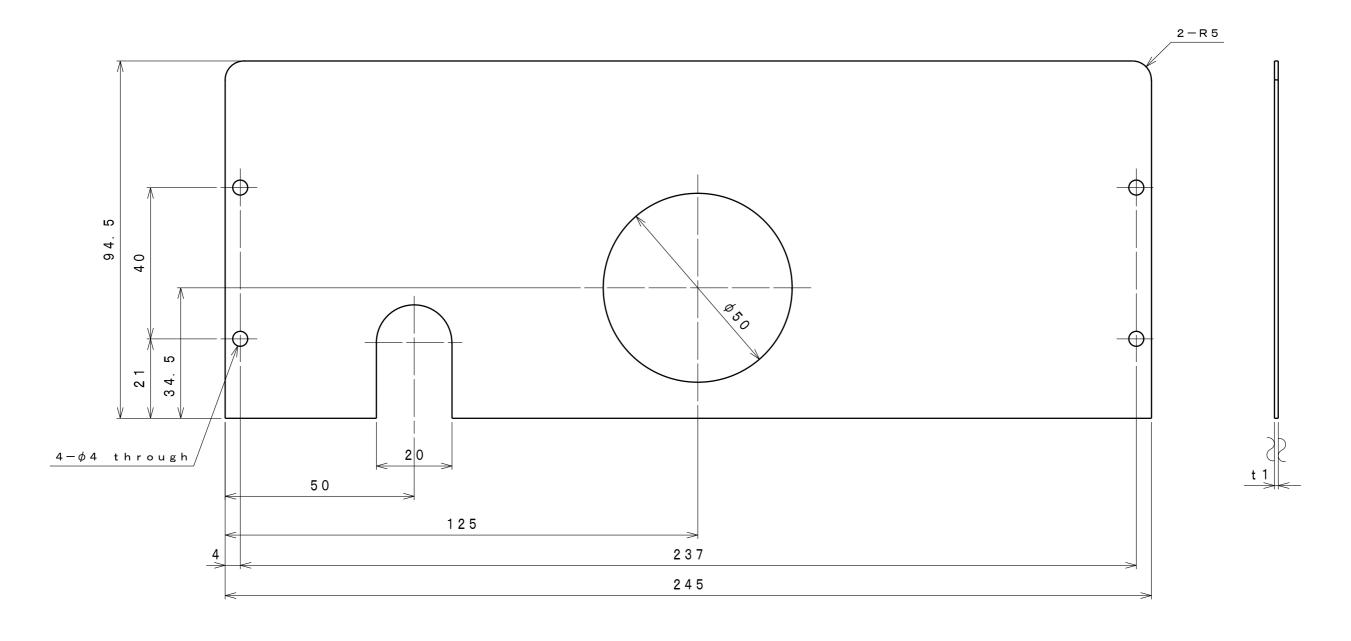
*		F	Plat	е		,	A 5 0 5 2		1	Whi	te almite	*		
No.		PAR	T NA	M E		M A	TERIAL	- (Qty	F I N I S H R E M			A R K S	
GENERAL 0.5≦		TOLERANCE (mm) SURFACE A 6 ±0.05 ROUGHNESS A					ROVAL CHECK			DESIGN	TYTLE		SCALE	
6 < 30 <		30 ±0.1 SYMBOL (μm)			1	1技 1技 /			技	1技	Resonator Reinforcer	nent Fixture	:	
120<	≦315 ±0.2 ▼▼ 3.2S				12/14 (18/12/14)		18/1	2/14	18/12/14	DRAWING No.				
315<	$\leq 1000 \pm 0.3$ $\nabla \nabla$ 12.58 $\leq 2000 \pm 0.5$ ∇ 508				津	"	津田	學	·上/	野上	24098-0	01-009		

SIG



Corners not indicated are to be thread chamfered.

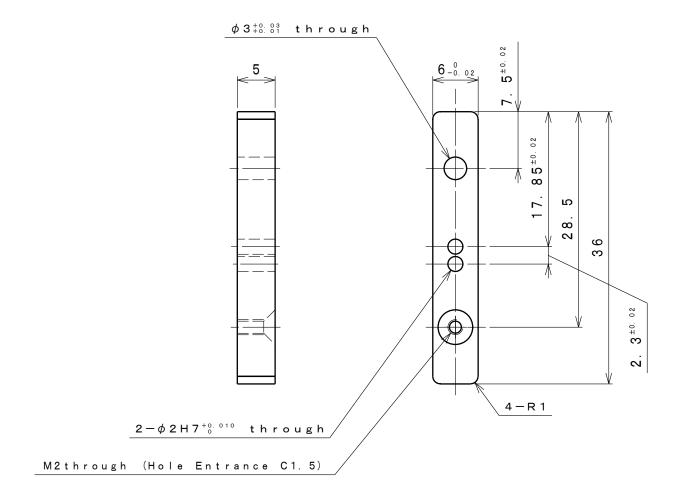
Corners without instructions must be RO. 3 or less



REV DATE DESCRIPTION SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less

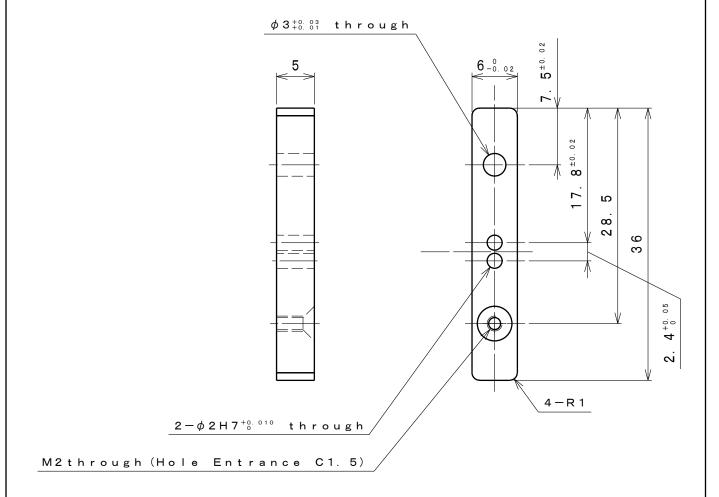


*		Gui	de B	Іос	k		A 5 0 5 2	2		Whi	te almite	*		
No.		PAR	T N A	M E		M A	TERIAL	. Qty			FINISH	REMARKS		
GENERAL 0.5≦	TOLERANC ≦6	E (mm)		FACE HNESS	APPR	0 V A L	CHECK	ISSUE	D E	ESIGN	TYTLE		SCALE	
6 < 3 0 <	≦30 ≦120	±0.1	SYMBOL	SYMBOL (μm) VVV 0.8S			1技	1技		1技	Resonator Reinforcem	nent Fixture	2:1	
120<	≦315	±0.2	$\overline{\nabla}$	3. 2S	1	2/14	18/12/14	18/12/14		/12/14	DRAWING No.			
315<	$\leq 1000 \pm 0.3$ \vee 12.5S $\leq 2000 \pm 0.5$ \vee 50S				津	津田 「		野上		野上	24098-0)1-011		

REV DATE DESCRIPTION SIG

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less



*	Gu	ide E	Block	(35	0 u m)	,	A 5 0 5 2		2	ВІа	ck almite	*		
No.		PAR	T NA	M E		M A	TERIAL	.	Qty	FINISH REM			ARKS	
GENERAL 0.5≦	L TOLERANCE (mm) SURFACE ≤6 ±0.05 ROUGHNESS				APPR	ROVAL CHECK			SUE	DESIGN	TYTLE		SCALE	
6 < 3 0 <	≦30 ≦120	±0. 1 SYMB0L (μm)			1	1技 1技			1技	1技	Resonator Reinforcer	nent Fixture	2:1	
120<	≦315	±0.2	∇	3. 2S		5/27	19/05/27	19/0	05/27	19/05/27	DRAWING No.			
315<	$\leq 1000 \pm 0.3$ $\nabla \nabla$ 12.5S $\leq 2000 \pm 0.5$ ∇ 50S			津			(型	走	野上	2 4 6 4 8 - ()1-001			

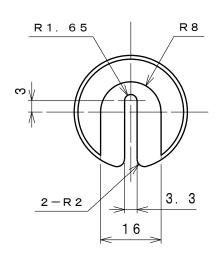
 \bigvee

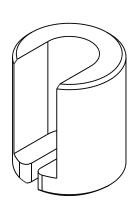
REV DATE DESCRIPTION

Corners not indicated are to be thread chamfered.

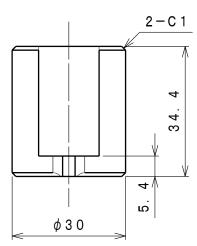
Corners without instructions must be RO. 3 or less

No burrs, warping, or significant scratches that impair the function.





SIG



*	\	weig	h t (120g)		C 2 8 0 1	1		*	*	
No.		PAR	T NA	M E		M A	A T E R I A L	Q t y		F I N I S H R E		
GENERAL 0.5≦	RAL TOLERANCE (mm) SURFACE 5≦ ≦6 ±0.05 ROUGHNESS AP					0 V A L	CHECK	ISSUE	DESIGN	TYTLE		SCALE 1 · 1
6 < 30 < 120 <	≦120		SYMBOL	0.88			1技 19/05/31	15/15/31	1技	Resonator Reinforce	ment Fixture	1;1
315<	<u>≤</u> 1000					: 田	津田	西山	西山	2 4 6 6 4 - 0	01-001	*

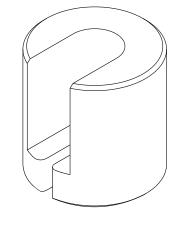
REV

Corners not indicated are to be thread chamfered.

Corners without instructions must be RO. 3 or less

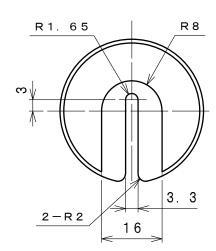
No burrs, warping, or significant scratches that impair the function.

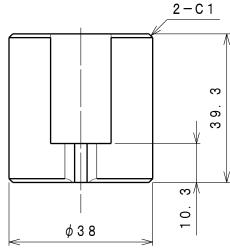
 $\mathsf{D}\mathsf{A}\mathsf{T}\mathsf{E}$



DESCRIPTION

SIG





*	,	weig	h t (270g)		C 2 8 0 1	2		*	*	
No.		PAR	T NA	M E		M A	TERIAL	Q t y		F I N I S H R E M		
GENERAL 0.5≦	NERAL TOLERANCE (mm) SURFACE . 5≦ ≦6 ±0.05 ROUGHNESS AP					ROVAL	CHECK	ISSUE	DESIGN	TYTLE	_	SCALE 1 · 1
6 < 3 0 <	≦30 ≦120	±0.1	SYMB0L				1技	1技	1技	Resonator Reinforcer	nent Fixture	1:1
120<	≦315	±0.2	∇	3. 2S		5/31	19/05/31	19/05/31		DRAWING No.		*
315<	≦1000 ≤2000					画	津田	西山	西山	2 4 6 6 4 - 0) 1 – 0 0 2	T