

1		2		3		4	
标记	处数	更改文件号	签字	日期			
A					A		
B					B		
C					C		
D					D		
E					E		
F					F		
MMSF-0300-0003 冷质量支撑中间隔热断导冷带 2 / Cooling strip 2 of thermal interception for cold mass support.							
MMSF-0300-0004 冷质量支撑中间隔热断导冷带 4 / Cooling strip 4 of thermal interception for cold mass support.							
MMSF-0300-0005 冷质量支撑中间隔热断导冷带 3 / Cooling strip 3 of thermal interception for cold mass support.							
技术要求 Technical Req: MMSF-0300-0001 冷质量支撑中间隔热断导冷带 1 “相同, 不出图。							
零件名称: 铜编织带, 两端为铜压片结构 / The material is Cu braid, two ends are Cu clamps.							
There are no drawings for strip 2, 3 and 4, their requests are the same as MMSF-0300-0001.							
2. 导冷带厚度≥10mm, 宽度≥40mm, 总长度≤230mm, 沿铜带长度方向导热面积≥400mm², 两端铜压片长度≥50mm / Cu braid thickness ≥10mm, width ≥40mm, total length ≤230mm, longitudinal thermal conducting area≥400mm², Cu clamp length ≥50mm.							
3. 导冷带与冷屏连接处预先焊接铜铝过渡接头, 装配时先用螺钉固定, 再焊接/ A Cu-Al bimetal plate shall be welded to thermal shield first, then screw one end of Cu braid to the bimetal plate afterwards welding them together.							
4. 导冷带与冷屏、冷质量支撑中间热隔断件的焊接现场配做, 焊接要求尽可能增加导热面积/ Weld another end of Cu braid to thermal interception MMSF-0302-0008 after welding to bimetal plate.							
5. 材料需提供材质证明书/Properties certificate shall be provided for all materials.							
6. 所有元件焊接和装配前进行清洁处理, 去除油脂、污渍、灰尘等并吹干或烘干, 保持干燥/Thoroughly clean and degrease all parts and keep dry before welding.							
7. 锐边倒钝、去尖角/Trim sharp edges.							
设计				T2		SSRF上海光源	
绘图							
校核						冷质量及冷屏	
审核				计算机文件名		MMSF-0300-0002A.dft	
会签				制图软件		Solid Edge	
				数量		重量	
审定				2		0.49	
批准				共 1 张		第 张	
				15		A4	
				MMSF-0300-0002		版本	
						A	
1		2		3		4	

A		INITIAL REVISION		
REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION
UNLESS OTHERWISE SPECIFIED		PROJECT NAME: MICE		ERNEST ORLANDO LAWRENCE
TOLERANCES		CATEGORY CODE		BERKELEY NATIONAL LABORATORY
0±.25 .00±.125 .000±.050		SCALE: 1:1		UNIVERSITY OF CALIFORNIA
FRACTIONS: ± -/-		MU 1025		MUON IONIZATION COOLING EXPERIMENT (MICE)
ANGLES: ± -°/MM		FIRST ANGLE PROJECTION		MICE/MUCOOL SUPERCONDUCTING COUPLING MAGNET
MACH. SURFS.: 125✓		SHEET OF 1		INTERCEPT COOLING STRIPS FOR COLD MASS SUPPORT
REF: ASME Y14.5M-1994, THREADS ARE CLASS 2		SIZE: 5		DWG NO: 27H742
BREAK EDGES .016 MAX. ON MACHINED WORK		REV A		
REMOVE SPURS, WELD SPLATTER & LOOSE SCALE				