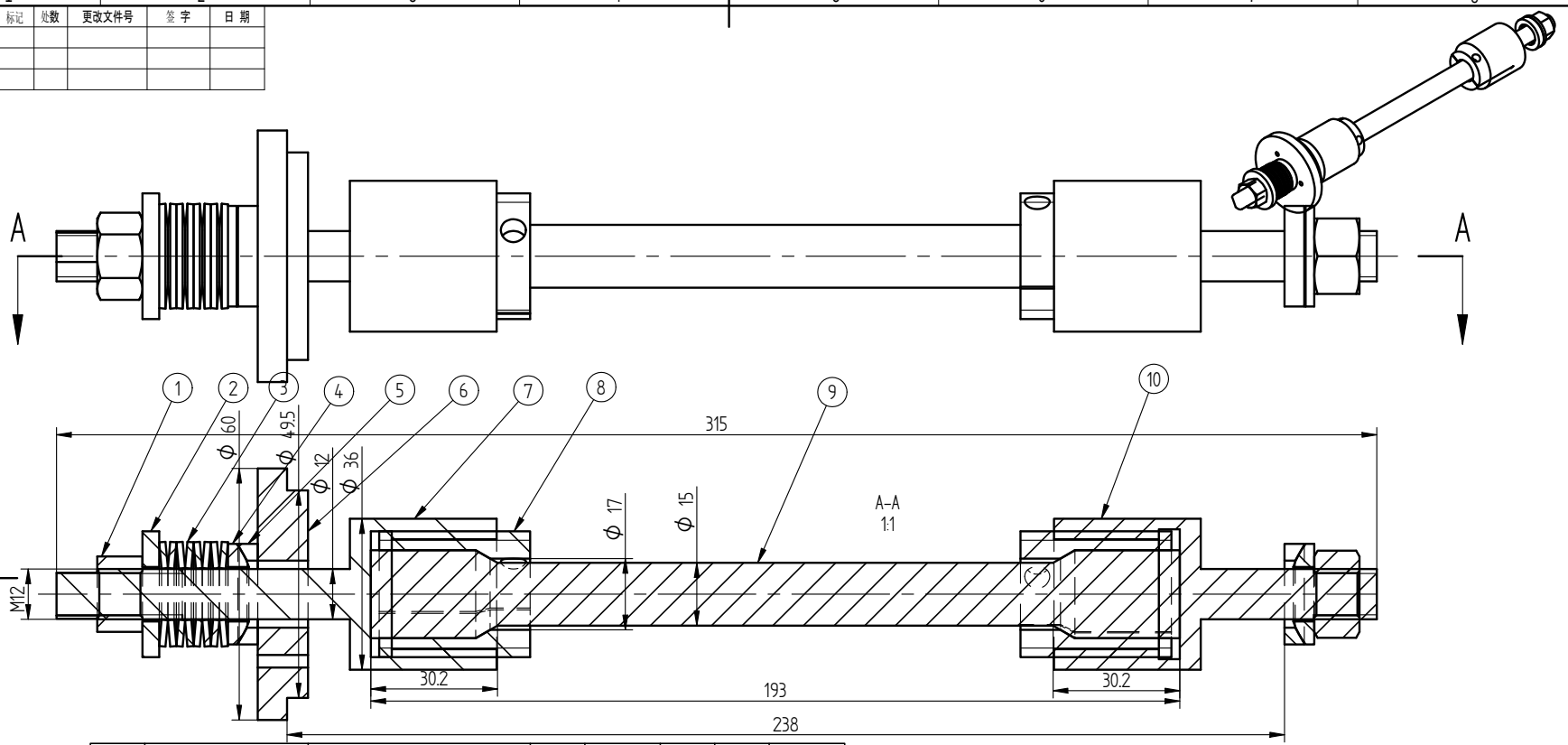
标记	处数	更改文件号	签 字	日 期



序号	代号	名称	数量	材料	单重	总重	备注
10	MMSF-0304-0007	冷屏支撑冷端接头 COLD END JOINT OF MAIN THERMAL SHIELD SUPPORT	1	304		0.180 kg	
9	MMSF-0304-0006	冷屏支撑拉杆 MAIN THERMAL SHIELD SUPPORT ROD (G10)	1	G10		0.087 kg	
8	MMSF-0304-0005	冷屏支撑丝套 MAIN THERMAL SHIELD SUPPORT THREADED SPLIT CONNECTOR	2	304		0.215 kg	
7	MMSF-0304-0004	冷屏支撑常温端接头 WARM END JOINT OF MAIN THERMAL SHIELD SUPPORT	1	304		0.206 kg	
6	MMSF-0304-0003	冷屏支撑真空接管盖 WARM SLEEVE COVER FOR MAIN THERMAL SHIELD SUPPORT	1	304		0.209 kg	
5	GB/T 850	锥面垫片 12 ASK ABOUT	2	304		0.015 kg	
4	GB/T 849	球面垫片 12 ASK ABOUT	2	304		0.018 kg	
3	MMSF-0304-0002	碟形垫片 BELLEVILLE WASHERS FOR MAIN THERMAL SHIELD SUPPORT	8	60Si2MnA		0.034 kg	
2	MMSF-0304-0001	冷屏支撑室温垫片 WARM WASHER FOR MAIN THERMAL SHIELD SUPPORT	1	304		0.018 kg	
1	GB/T 6170	六角头螺母 M12 ASK ABOUT	2	304		0.033 kg	

技术要求/Technical Req.:
1、提供材质证明书。Material property shall be certified.
2、倒钝锐边，去除加工毛刺、飞边。Trim sharp edge and deburr.
3、各元件在装配前进行清洁处理，去除油污、污垢、灰尘等烘干
或吹干，并保持干燥。Clean all parts before assembly and keep dry.
4、未注尺寸公差按GB/T1804-2000 m级,未注形位公差按GB/T1184-1996 K级。See title box for un-marked tolerances.
5. 组装后承载试验，液氮冷击3次后，拉力10KN，保持24小时。After assembly, conduct L Nitrogen cold shock test with 10kN tension, keep load for 24 hr.

设 计			SSRF上海光源			
绘 图						
校 核					冷质量及冷屏	
审 核			计算机文件名	MMSF-0304-0000AQ.dft		
会 签			制图软件	Solid Edge	冷屏支撑拉杆组件	
			数 量 / 重 量	比 例 / 图 幅		
审 定			8 / 0	1:1 / A3	MMSF-0304-0000	版本 A
批 准			共 1 张	第 张		

REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION
A				INITIAL REVISION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
0± .25 .00± .125 .000± .050
FRACTIONS: ± -/--
ANGLES: ± -.-°/MM
MACH. SURFS.: 125 BY BETTER
REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE

PROJECT NAME: MICE
DO NOT SCALE PRINT
SCALE: 1:1
CATEGORY CODE: MU 1025
FRIST ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA
MUON IONIZATION COOLING EXPERIMENT (MICE)
MICE/MUCOOL SUPERCONDUCTING COUPLING MAGNET
MAIN THERMAL SHIELD SUPPORT ASSEMBLY
SHEET 1 OF 1 | SIZE: 5 | DWG NO: 27H940 | REV A