



REQ	ITEM	PART NUMBER	DESCRIPTION
1	1	21G7054	G3 ELECTRODE BODY
1	2	21G7063	G3 ELECTRODE CLAMP RING
1	3	21G7413	65 mA G3 ELECTRODE APERTURE INSERT
3	4	-	SHCS, #0-80, .175" LG.
3	5	-	WASHER, #0, STAINLESS STEEL

D

C

B

A

21G7044A

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS	
X ± .1	FRAC ± 1/64	ACCT.	SERIAL
XX ± .01	ANGLES ± 1°	DATE	NO.
XXX ± .001	FINISH 64-7	DELIVER TO	RECD.
TOLERANCES		SURFACE TREATMENT	
THREADS ARE CLASS 2		DEGREASE	
CHAMFER ENDS OF ALL SCREW THREADS 30°		IDENT.	
ON ALL PARTS TO BE REFERENCED		METH.	
BREAK EDGES .016 MAX. ON MACHINED WORK		DATE	
REMOVE BURRS WELD SPATTER & LOOSE SCALE		BY	
REFERENCES: ANSI Y14.5 & B46.1		DATE	

REV	DWG	CHK	ZONE	DATE	CHANGES
A	DWC	B7	3/31/00		ADDED .292 DIMENSION FOR REFERENCE
A	DWC	C6	3/31/00		CHANGED GEOMETRY TO REFLECT CHANGE IN ITEM #3
A	DWC	D3	3/31/00		ITEM #3 IS "21G7413". WAS "21G7073"

LAWRENCE BERKELEY LABORATORY	
UNIVERSITY OF CALIFORNIA-BERKELEY	
SNS-FES ION SOURCE AND LEBT	
MECHANICAL SYSTEMS	
G3 ELECTRODE ASSEMBLY	
ASSEMBLY 21G7356	SCALE FULL
DESIGN ACT. NO. CATEGORY CODE	8210-14 FE3111
DWG. NO.	21G7044
REV.	A