



(179.7 MQXFA SERIES)
[7.075]

2356.5
[92.78]

2206
[86.8]

157
[6.181]

($\varnothing 147.1$) BETWEEN OPPOSING PIONS
[5.791]
(BORE CLEARANCE)

$\varnothing 614$
[24.173]

$\varnothing 77$
[3.032]
COOLING HOLE CLEARANCE

25
[.984]

54
[2.126]

321.73
[12.667]

130.5
[5.138]

50
[1.969]

54
[2.126]

CLIQ LEAD "A"

CLIQ LEAD "B"

POWER LEAD "B"

POWER LEAD "A"

321.73
[12.667]

374.65
[14.750]

374.65
[14.750]

24°

($\varnothing 150$)
[5.906]
END PLATE CLEARANCE

130.5
[5.138]

YOKE

UNLESS OTHERWISE SPECIFIED
TOLERANCE
X ± 1.0 X ± 0.5 XX ± 0.25
FRACTIONS: ± / -
ANGLES: ± 0.5°
MACH. SURFS: .32(.11) ✓

REFERENCES
- THREADS ARE CLASS 2
- BREAK EDGES 0.5 MAX, ON MACHINED WORK
- REMOVE BURRS, WELD SPLATTER & LOOSE SCALE

PROJECT NAME SUPERCONDUCTING MAGNET PROGRAM		DRAWING UNITS FALSE	
DRW REF DOC ASME Y14.5-2009	SCALE 0.125 NOT PRINTED TO SCALE	THIRD ANGLE 	SHEET 2 OF 5
CATEGORY CODE SU3322		ITEM NUMBER SU-1011-0518	

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA 	
LARP QXF LQXF - MAGNET MQXFA TEST ASSY	
REV E	REV E

CREO PARAMETRIC

DRAWING FORMAT REV A

DWG. NO. SU-1011-0518

REV. SHE. E 2