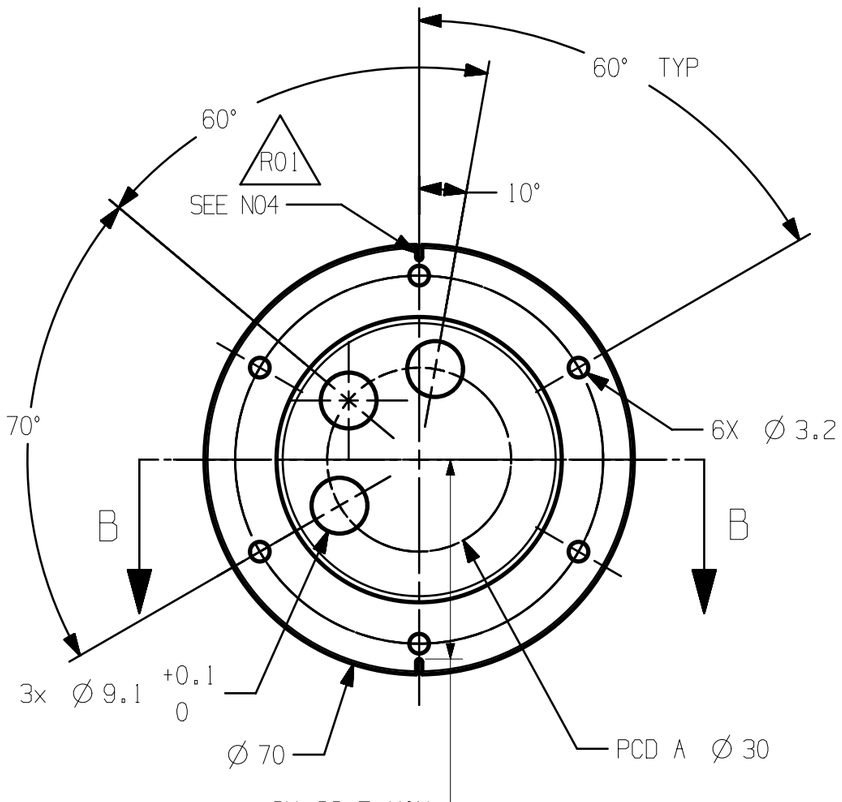
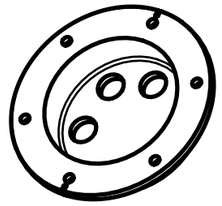
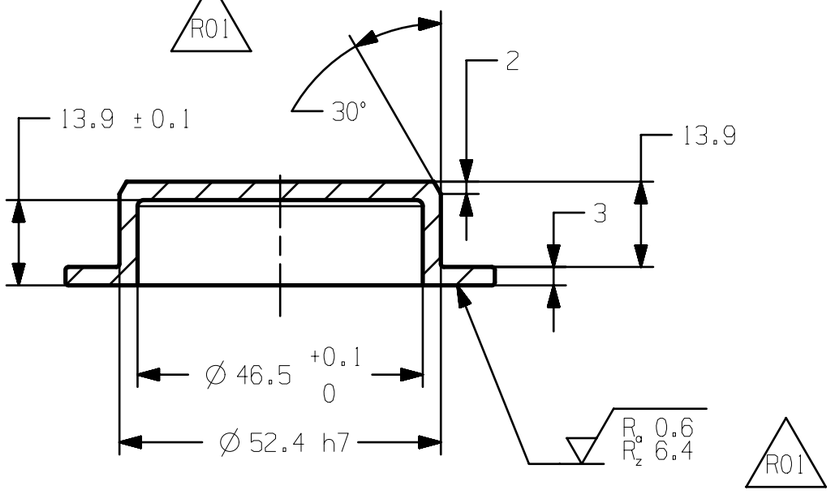




PICTORIAL VIEW

R01

R01



R01

SECTION B-B

NOTES	
N01	PART MUST BE FREE OF BURRS AND SHARP EDGES, DETRIMENTAL TO SAFE HANDLING OR PART PERFORMANCE
N02	ALL DIMENSIONS APPLY AFTER HEAT TREATMENT & ANODIZING
N03	SEE MATH DATA FOR ALL UNDIMENSIONED FEATURES AND MARKINGS
N04	MARK BY LASER, TO HAVE CONTRAST TO BARE METAL

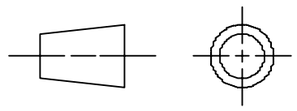
R01

RELEASE STATUS	DATE	NAME
DRAWN	26 SEP 17	AOP
CHECKED	26 SEP 17	PR
RELEASED		AOP

ISTITUTO ITALIANO DI TECNOLOGIA

PART NAME	HIP BUCKET
PART NUMBER	506
REVISION	R01
DESCRIPTION	CONTAINER FOR CHIP & CONNECTORS USED FOR HFE & ISA ELECTRONICS
MATH DATA	HQR_506_HIP_BUCKET_R01.prt
SHEET SIZE	A3
SHEET NUMBER	1 / 1
MATERIAL	AL 6061 OR 6082
UNITS	MM
SCALE	1 : 1
SURFACE TREATMENT	MIL-A-8625 TYPE II CLASS 2 BLACK, SEE NOTE 2
UNDIMENSIONED ROUND	R = 0.5
HEAT TREATMENT	T6
UNDIMENSIONED CHAMFER	-
MASS	46 G
MAX ROUGHNESS	R_a 3.2

PROJECTION METHOD



TOLERANCE NORM
UNI EN 22768-1 / 22768-2
DIMENSIONAL TOLERANCE CLASS - f
GEOMETRICAL TOLERANCE CLASS - H

GENERAL TOLERANCES FOR LINEAR DIMENSIONS EXCEPT FOR BROKEN EDGES IN MM

TOELRANCE CLASS		RANGES OF NOMINAL LENGTH IN MM					
DESIGNATION	DESCRIPTION	0.5 up to 3	over 3 up to 6	over 6 up to 30	over 30 up to 120	over 120 up to 400	over 400 up to 1000
f	fine	±0.05	±0.05	±0.1	±0.15	±0.2	±0.3

REVISIONS

REV	DESCRIPTION	NAME	DATE
R00	RELEASED FOR LIMITED PROTOTYPE PRODUCTION	GP	07 MAR 17
R01	RELEASED FOR ROBOT BUILD; REMOVED 'MAX' FROM ROUGHNESS CALLOUT; N04 WAS 'ETCHED/STAMPED...'; SURFACE TREATMENT WAS 'HARD ANODIZE MATT BLACK; REPLACED LETTERS 'TOP' WITH LINE ON TOP & BOTTOM; ADDED 'OR 6082' TO MATERIAL; ADDED '2X 32.5 MIN';	AOP	26 SEP 17