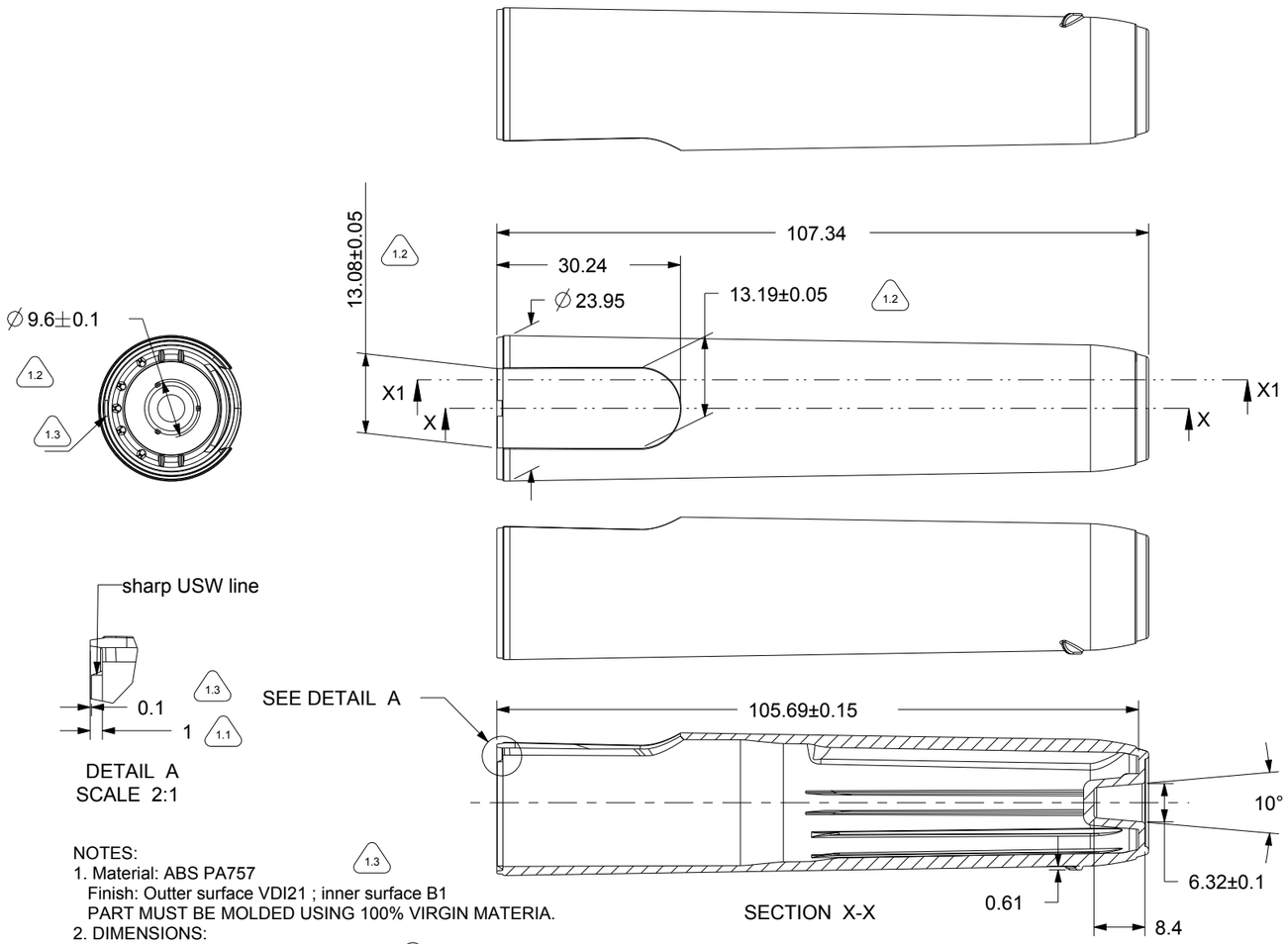
CUSTOMER P/N:

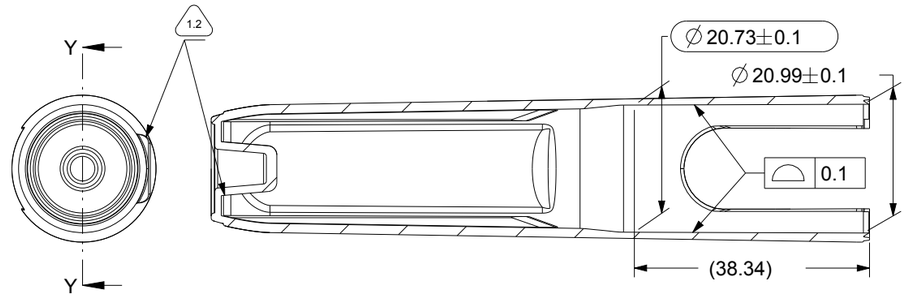
	For MP tool
◯	For prototype tool

TOLERANCE UNLESS SPECIAL SPECIFIED				
SELECT CLASS		M		
	CLASS	F	M	C
LINE DIMENSIONS	0.00-3.00	± 0.05	± 0.10	± 0.20
	(3.00)-6.00	± 0.05	± 0.10	± 0.30
	(6.00)-30.00	± 0.10	± 0.20	± 0.50
	(30.00)-120.00	± 0.15	± 0.30	± 0.80
	(120.00)-INFINITY	± 0.20	± 0.50	± 1.20
RADII AND CHAMFER HEIGHTS	0.00-3.00	± 0.20		± 0.40
	(3.00)-6.00	± 0.50		± 1.00
	(6.00)-INFINITY	± 1.00		± 2.00
ANGULAR DIMENSIONS	0.0-10.0	± 0.2°		± 0.3°
	(10.0)-50.0	± 0.3°		± 0.5°
	(50.0)-120.0	± 0.5°		± 1.0°
	(120.0)-INFINITY	± 1.0°		± 1.5°



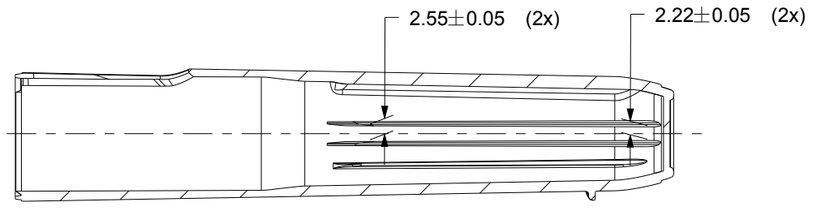
DETAIL A
SCALE 2:1

SECTION X-X

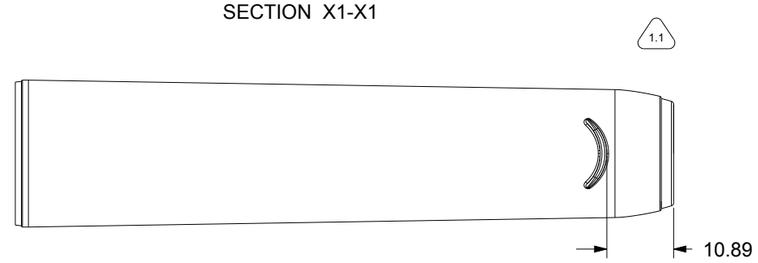


SECTION Y-Y

NOTES:
1. Material: ABS PA757
   Finish: Outter surface VDI21 ; inner surface B1
   PART MUST BE MOLDED USING 100% VIRGIN MATERIA.
2. DIMENSIONS:
   2.1 Inspection dimensions marked with " ◯ " are critical dimensions and their CPK>=1.33.
   2.2 SPC control dimensions are marked with " SPC " and their CPK>=1.33.
   2.3 All dimensions without tolerance should comply with the general tolerance table in drawing.
   2.4 All features unspecified can be referred to the 3D data.
3. APPEARANCE:
   3.1 Finished parts are to be clean and free from all foreign matter.
   3.2 Part to be free from flash, sink marks, scratches, inclusions, flow and weld lines.
   3.3 Flash and parting line mismatch shall not exceed 0.05mm.
4. TOOLING REQUIREMENTS
   4.1 Ejector pads shall not exceed 0.1mm above flush,nor 0.1mm below flush to part surface.
   4.2 Gate vestigital shall not exceed 0.1mm beyond the part surface.
   4.3 Tooling marking as follows:
      A. text: standard font, height: 2.5mm, depth: 0.2mm.
      B. core to be marked with the following details:
         *material; part number(P/N); *revision letter (1,2,3...)
         *cavity number (C1/n,C2/n...Cn/n); *recycle symbol; *date code
5.The part should be comply with below regulation and/or directive
   5.1.RoHS EU Directive 2011/65/EU and its amendments including EU 2015/863
   5.2.China ROHS 2.0 5.3.REACH SVHCs
   5.4.1935/2004/EC or FDA 5.5.GB 4806
   5.6.ASTM F963 for heavy metals 5.7.EN 71-3 Category III for heavy metals
   5.8.BPA Free 5.9.Phthalates (7) for CPSC-CH-C1001-09.3
   5.10.PAHs (18) for German AfPS GS 2014 PAK Category 1
6.X with triangle mark means the changes in drawing version X.



SECTION X1-X1



2D VER.	ECN NO.	DESCRIPTION	DATE	DESIGNED	APPROVED
1.3		extend and widen USW line, change finishing to VDI 21	18-09-21	WangZhongding	Victor.Ge
1.2		round stopper; add draft angle,increase rib diameter,thicken wall	18-07-22	WangZhongding	Victor.Ge
1.1		highten USW line 0.15mm, add a stopper	18-05-31	WangZhongding	Victor.Ge
1		Initial Release	18-05-28	WangZhongding	Victor.Ge

HI-P CORPORATION

	SIGNATURE	DATE
DESIGNED	WangZhongding	18-04-13
CHECKED	TC. Tan	18-05-28
APPROVED	Victor.Ge	18-05-28

PROJECT NAME: Radiant ETB	SAP NO.		3D VER.: 1.3
PART NAME: T36C_HANDLE	DRAWING NO.: T36C-0005		2D VER.: 1.3
MATERIAL: see notes	SCALE: 1:1	UNIT: MM	SHEET: 1 OF 1
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