

SECTION A-A

THREAD DETAILS:
6 THREADS PER INCH, 0.167" PITCH

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	± 0.010 [0.25]	in [mm]	1.016 [25.81]
T	± 0.010 [0.25]	in [mm]	1.093 [27.76]
H	± 0.010 [0.25]	in [mm]	0.375 [9.53]
OAH	± 0.010 [0.25]	in [mm]	0.425 [10.80]
OD	± 0.010 [0.25]	in [mm]	1.180 [29.97]
PART WEIGHT	±0.15	g	1.70

STATIC TORQUE RECOMMENDATION
12-21 in-lbs
THIS REQUIREMENT MAY VARY DEPENDING
UPON BOTTLE MATERIAL, NECK FINISH, AND
CAPPING EQUIPMENT

DRAWING TYPE : **CUSTOMER**

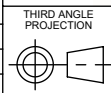
REPLACES DRAWINGS:
C-1006

DIMENSIONS ENCLOSED IN ()
INDICATE REFERENCE
DIMENSIONS AND NO TOLERANCE
LIMITS ARE ESTABLISHED

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
0-0.787	±0.006	0-20	±0.152
0.788-1.181	±0.008	21-30	±0.203
1.182-2.756	±0.012	31-70	±0.305
2.757-3.937	±0.016	71-100	±0.406
3.938-5.096	±0.020	101-150	±0.508
5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813
ANGULAR TOLERANCE ± 2°			
PROPRIETARY AND CONFIDENTIAL			

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AND STULL TECHNOLOGIES OTHERWISE MAY AGREE IN WRITING



DISTRIBUTION
CODE
D

DRAWING NAME
28-400 CT
S (Smooth Side - Smooth Top)

DRAWING NUMBER
CQA - 10299

MATERIAL
POLYPROPYLENE

MODEL NUMBER:
PM 10298 28-400 CT

SCALE	SHEET SIZE	SHEET	REV NP
1:1	8.5" X 11"	1 of 3	00.AB

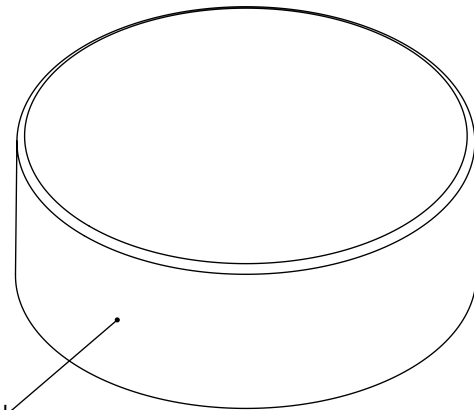
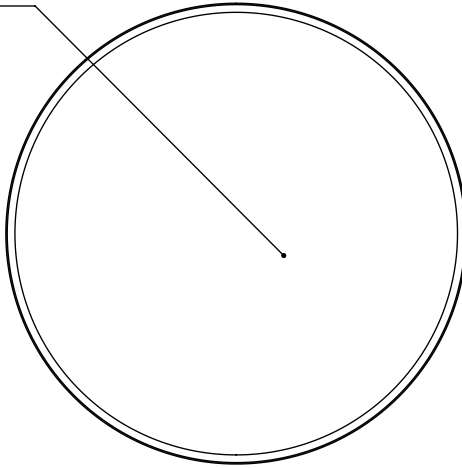
DRAWN BY.	JDM	2/23/2017
ENG APPR.	JDM	6/17/2019
QA APPR.	REL	02/28/2020

THE CLOSURE DIMENSIONS
DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN
FOUND TO BE FUNCTIONAL BASED ON INDUSTRY
EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND
PLASTIC CONTAINER FINISHES, EACH CLOSURE/FINISH
SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND
TESTED TO ENSURE IT MEETS APPLICABLE
PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE
SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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DATE	REV	N/P	PRODUCT DRAWING REQUEST	DESCRIPTION	ENG	DRWN
6/9/2017	00	AA	17-018	UPDATED DRAWING FORMAT	JDM	DAS
12/21/2018	00	AB		UPDATED RNF TO MATCH PRODUCT SPECIFICATIONS	JDM	AMK

ALL OUTSIDE
SURFACES TO BE
HIGH POLISH



GATE LOCATION

MOLD NUMBER	GATE LOCATION
28001	SIDE

DRAWING TYPE : CUSTOMER

REFERENCES:
28001

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ANGULAR TOLERANCE ± 2°

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DRAWN BY.

JDM

2/23/2017

ENG APPR.

JDM

6/17/2019

QA APPR.

REL

02/28/2020

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S (Smooth Side - Smooth Top)

DRAWING NUMBER

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MATERIAL

POLYPROPYLENE

MODEL NUMBER:

PM 10298 28-400 CT

SCALE

SHEET SIZE

SHEET

REV.NP

2:1

8.5" X 11"

2 of 3

00.AB

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THREAD START

S' 0.139in
[3.52mm]

0.094in
[2.39mm]

0.050
MINIMUM BOTTLE
LANDING

DETAIL THREAD
SCALE 4 : 1

THREAD

SECTION B-B

REFERENCE	TOLERANCE	UNITS	DIMENSIONS
E	± 0.010 [0.25]	in [mm]	0.984 [24.99]
T	± 0.010 [0.25]	in [mm]	1.078 [27.38]
I	MINIMUM	in [mm]	0.854 [21.69]
S	±0.015 [0.38]	in [mm]	0.046 [1.17]
H	MINIMUM	in [mm]	0.400 [10.16]
PITCH		in [mm]	0.167 [4.23]
TPI			6

NOTE: THE NOMINAL ORIENTATION ILLUSTRATED IS BASED ON NOMINAL DIMENSIONS OF BOTH THE CLOSURE AND THE RECOMMENDED NECK FINISH. FOR EXACT ORIENTATION EACH BOTTLE SHOULD BE EVALUATED ON A CASE BY CASE BASIS.

DRAWING TYPE : CUSTOMER

DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

TOLERANCES UNLESS OTHERWISE SPECIFIED

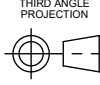
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MOLD-RITE PLASTICS®
Innovative • Reliable • Responsive



SOLIDWORKS

DISTRIBUTION
CODE

D

DRAWING NAME

28-400 CT
RECOMMENDED NECK FINISH

DRAWING NUMBER

CQA - 10299

MATERIAL

MODEL NUMBER:

DRAWN BY:

JDM

2/23/2017

ENG APPR.

JDM

6/17/2019

QA APPR.

REL

02/28/2020

SCALE

3:2

SHEET SIZE

8.5" X 11"

SHEET

3 of 3

REV/N/P

00.AB

THE CLOSURE DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND PLASTIC CONTAINER FINISHES, EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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