

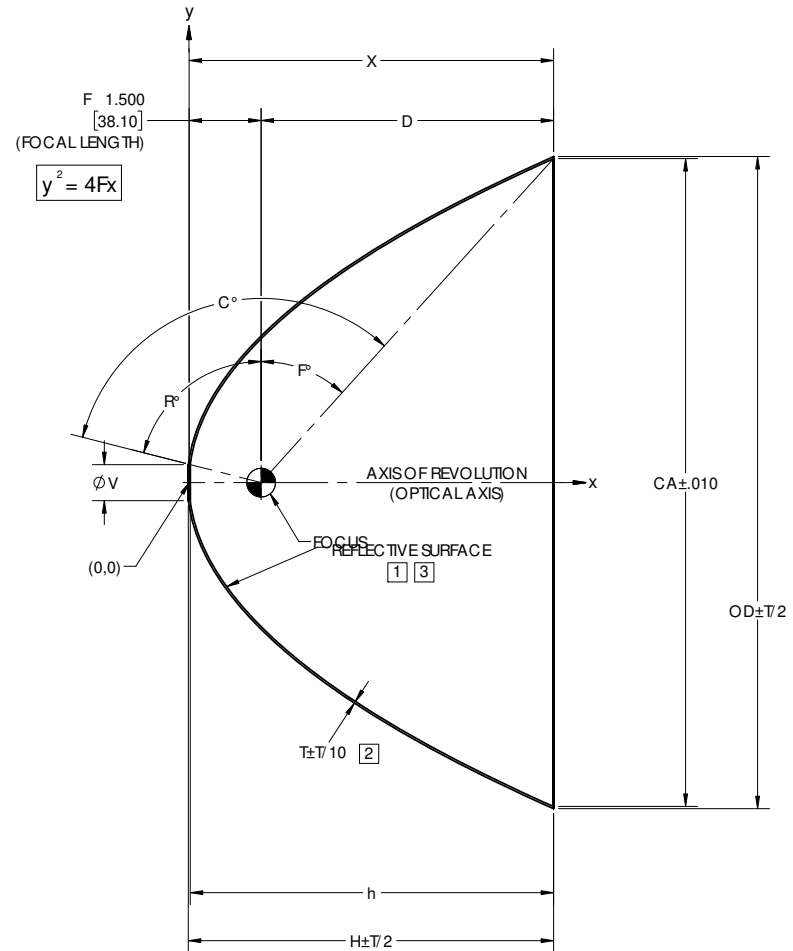
NOTES: UNLESS OTHERWISE SPECIFIED

- 1 ELECTROFORM REFLECTOR FROM MASTER TOOL WITH SPECULAR SURFACE QUALITY OF 80-50 SCRATCH-DIG PER MIL-PRF-13830B.
- 2 NOMINAL THICKNESS (T) MAY VARY ± T/4 WITHIN .25 OF EDGES.
- 3 REFLECTIVE SURFACE COATING TO BE SEPARATELY SPECIFIED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
Ø	INITIAL DRAWING RELEASE	06/06/96	GRW
A	REV DIM TOLERANCES	07/25/17	KMT
B	REV DIM TOLERANCES, ADDED -17 & -18	07/25/17	GRW
C	ADDED -19	07/25/17	GRW
D	ADDED -20	07/25/17	GRW
E	ADDED -21	07/25/17	GRW
F	ADDED -22	07/25/17	SJM
G	ADDED -23	07/25/17	SJM
H	ADDED -24	07/25/17	SJM
J	UPDATED DRAWING FORMAT	07/25/17	JPH

DASH NO.	CA	V	OD	T	X	D	H	h	R°	F°	C°
P38	13.500	0.750	13.588	0.040	7.594	6.094	7.611	7.570	75.75	42.08	117.82
P38-0100	9.500	2.250	9.595	0.040	3.760	2.260	3.592	3.549	48.89	25.45	74.34
P38-0200	12.875	2.500	12.963	0.040	6.907	5.407	6.690	6.646	44.76	40.03	84.79
P38-0300	12.875	2.250	12.963	0.040	6.907	5.407	6.739	6.696	48.89	40.03	88.92
P38-0400	8.500	1.750	8.598	0.040	3.010	1.510	2.924	2.883	57.48	19.56	77.04
P38-0500	9.500	1.750	9.595	0.040	3.760	2.260	3.674	3.633	57.48	25.45	82.93
P38-0600	12.875	2.750	12.963	0.040	6.907	5.407	6.636	6.592	40.75	40.03	80.78
P38-0700	9.500	2.600	9.595	0.040	3.760	2.260	3.522	3.479	43.14	25.45	68.59
P38-0800	12.095	4.000	12.184	0.040	6.095	4.595	5.477	5.429	22.62	37.23	59.85
P38-0900	9.500	2.750	9.595	0.040	3.760	2.260	3.489	3.445	40.75	25.45	66.20
P38-1000	10.500	2.250	10.592	0.040	4.594	3.094	4.426	4.383	48.89	30.51	79.40
P38-1100	12.875	1.750	12.963	0.040	6.907	5.407	6.821	6.779	57.48	40.03	97.51
P38-1200	10.500	2.750	10.592	0.040	4.594	3.094	4.323	4.279	40.75	30.51	71.26
P38-1300	12.095	2.750	12.184	0.040	6.095	4.595	5.824	5.780	40.75	37.23	77.98
P38-1400	12.875	3.000	12.963	0.040	6.907	5.407	6.577	6.532	36.87	40.03	76.90
P38-1500	12.875	3.125	12.963	0.040	6.907	5.407	6.545	6.500	34.98	40.03	75.00
P38-1600	12.095	3.125	12.184	0.040	6.095	4.595	5.734	5.688	34.98	37.23	72.21
P38-1700	8.000	2.500	8.100	0.040	2.667	1.167	2.450	2.406	44.76	16.26	61.02
P38-1800	9.500	0.750	9.595	0.040	3.760	2.260	3.777	3.737	75.75	25.45	101.20
P38-1900	7.900	1.750	8.000	0.040	2.600	1.100	2.514	2.473	57.48	15.57	73.05
P38-2000	10.500	3.740	10.592	0.040	4.594	3.094	4.058	4.011	26.13	30.51	56.64
P38-2100	10.375	2.250	10.467	0.040	4.485	2.985	4.317	4.274	48.89	29.92	78.81
P38-2200	9.500	2.100	9.595	0.040	3.760	2.260	3.619	3.577	51.42	25.45	76.87
P38-2300	10.375	2.750	10.467	0.040	4.485	2.985	4.214	4.170	40.75	29.92	70.67
P38-2400	13.500	2.250	13.588	0.040	7.594	6.094	7.426	7.383	48.89	42.08	90.96

NOTE: THE "P38" DASH NO. IS THE THEORETICALLY LARGEST REFLECTOR THAT CAN BE FORMED ON EXISTING MASTER TOOLING.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (mm) GDS TPER ASME Y14.5-2009 DO NOT SCALE DRAWING		CONTRACT NO. 00-P38		optiforms® 42310 WINCHESTER RD. TEMECULA, CA 92590 WWW.OPTIFORMS.COM	
TOLERANCES FRACTIONS DECIMALS ANGLES ± 1/16 ± .02 ± 1/2° .XXX ± .005 ± 1/2°		DRAWN JIW DATE 07/25/17	DATE 07/25/17		REFLECTOR, PARABOLIC 1.500" / 38mm FL
SURFACE ROUGHNESS DEBURR SHARP EDGES & HOLES RAG 015 MAX. CHAMFER 3:1 HEADS 01 PART FOOT DIAMETER		CHECKED DATE	DATE 07/25/17		
MATERIAL ELECTROFORMED NICKEL - LSSN TYPE 1		BNGR PFS DATE 07/25/17	SCALE 1:2		SIZE C
NEXT ASSY USED ON		DWG NO. P38		REV J	WT (REF) CAD NO. P38
APPLICATION		SEE NOTES 1,3		SHEET 1 OF 1	