



	1C	3C	5C	1M	2M	4M	8M	15M
A ϕ	2.0	2.625	3.28	4.250	5.25	6.63	8.63	10.63
B	.940 \pm .015	1.270 \pm .015	1.560 \pm .015	2.030 \pm .015	2.50 \pm .020	3.204 \pm .025	4.160 \pm .035	5.060 \pm .040
C	.38	.50	.63	.81	1.00	1.09	1.44	1.88
D	.09	.11	.12	.13	.14	.16	.19	.25
E	.125	.125	.135	.197	.26	.260	.322	.388
F	.08	.040	.08	.08	.11	.06	.10	.12
G ϕ	.4375 \pm .0007	.6255 \pm .0005	.7817 \pm .0005	1.0631 \pm .0008	1.2818 \pm .0008	1.6257 \pm .0007	2.0945 \pm .0008	2.5633 \pm .0008
H ϕ	.83	1.244	1.555	2.000	2.520	3.125	4.055	5.000
I ϕ	1.47	2.06	2.58	3.33	4.12	5.15	6.67	8.24
J ϕ	1.5000 \pm .0012	2.1410 \pm .0012	2.6723 \pm .0025	3.5005 \pm .0012	4.2818 \pm .0013	5.3445 \pm .0028	6.9539 \pm .0029	8.5634 \pm .0032
K ϕ	.551	.826	1.023 \pm .001	1.023 \pm .001	1.260 \pm .001	1.260 \pm .002	1.890 \pm .002	2.165 \pm .002
L	.63	.750 \pm .010	1.000 \pm .010	1.000 \pm .010	1.500 \pm .010	1.500 \pm .010	1.875 \pm .010	2.437 \pm .010
M	6	6	6	6	6	6	6	6
N ϕ	.125 \pm .010	.187 \pm .010	.218 \pm .010	.343 \pm .010	.406 \pm .010	.406 \pm .010	.531 \pm .010	.781 \pm .010
O ϕ	.656	.937	1.187	1.531	1.875	2.312	3.062	3.750
P	.062 PIN	.0937 \pm .002	.125 \pm .002	.125 \pm .002	.1875 \pm .002	.1875 \pm .002	.1875 \pm .002	.250 \pm .002
Q	N/A	.415 \pm .015	.555 \pm .015	.555 \pm .015	.710 \pm .010	.710 \pm .015	.959 \pm .015	1.236 \pm .015
R ϕ	.250 \pm .001	.375 \pm .0004	.500 \pm .0004	.500 \pm .0004	.6250 \pm .0005	.6250 \pm .0005	.8750 \pm .0005	1.125 \pm .0008
S	6	6	6	6	6	6	6	8
T ϕ	.125 \pm .003	.147 \pm .003	.187 \pm .010	.218 \pm .010	.281 \pm .010	.406 \pm .010	.468 \pm .010	.468 \pm .010
U ϕ	1.75	2.375	2.937	3.812	4.687	5.875	7.625	9.500
V	.005R MAX.	.005R MAX.	.005R MAX.	.005R MAX.	.005R MAX.	.005R MAX.	.005R MAX.	.005R MAX.
W	.016	.016	.015	.015	.015	.015	.015	.015
X	.016	.016	.015	.015	.015	.015	.015	.015
Y	.005 \pm .010	.028	.067	.099	.075	.047	.105	.088
Z	N/A	.242	.361	.211	.569	.448	.562	.787
aa	.002 T.I.R.	.0017 T.I.R.	.0018 T.I.R.	.0019 T.I.R.	.0024 T.I.R.	.0026 T.I.R.	.0027 T.I.R.	.0035 T.I.R.
bb	.001	.0011	.001	.0017	.0019	.0024	.0027	.003
cc	.001	.002	.002	.002	.002	.002	.002	.002
dd	.004 T.I.R.	.0017 T.I.R.	.0018 T.I.R.	.0019 T.I.R.	.0024 T.I.R.	.0026 T.I.R.	.0027 T.I.R.	.0035 T.I.R.
ee	.098	.116	.116	.125	.135	.236	.236	.236
ff	.105	.116	.116	.125	.155	.236	.236	.236
gg	.656	.937	1.343	1.687	2.207	2.312	3.062	3.750
hh	.05	.05	.05	.05	.05	.05	.05	.05

- DIMENSIONS DENOTE MAXIMUM EXTENT OF ENCROACHMENT OF ADJOINING STRUCTURE.
- DIMENSIONS ESTABLISH INTERFACE AND INSTALLATION REQUIREMENTS. MAINTAIN AT ASSEMBLY AND UNDER ALL OPERATING LOAD CONDITIONS.
- USE ALLOY STEEL SCREWS TORQUE TO MANUFACTURERS MAXIMUM RECOMMENDED VALUE. USE LOCTITE OR OTHER MEANS TO PREVENT LOOSENING.
- MAINTAINING STANDARD COMPONENTS IN "AS RECEIVED" SETS IS RECOMMENDED.
- DRAWING IS FOR DIMENSIONAL REVIEW ONLY. **DO NOT SCALE**

UNLESS OTHERWISE SPECIFIED		DRAWN BY: M. O.	DATE: 09/15/09	CONIC SYSTEMS INC.	
DO NOT SCALE DRAWING		CHECK BY: V.G.	DATE: 09/16/09	HARMONIC GEARING & CONTROLS	
* BREAK ALL SHARP EDGES *		APPROVED BY:	DATE:	ASM/PART DESCRIPTION: 11 REBEL LANE, PORT JERVIS, NY 12771	
DIMENSIONS		MATERIAL:		REPLACES:	
TOL.	MM	FINISH:		SIZE: DWG:	
.X	±	THIRD ANGLE PROJECTION		C HDC-AAA-BBB-E1-00	
.XX	±	REV:			
.XXX	±				
FRACTIONAL	±				
ANGULAR	±				
INCHES	±				

SYM	DATE	CHANGE	CHNG	APPR
REVISIONS				