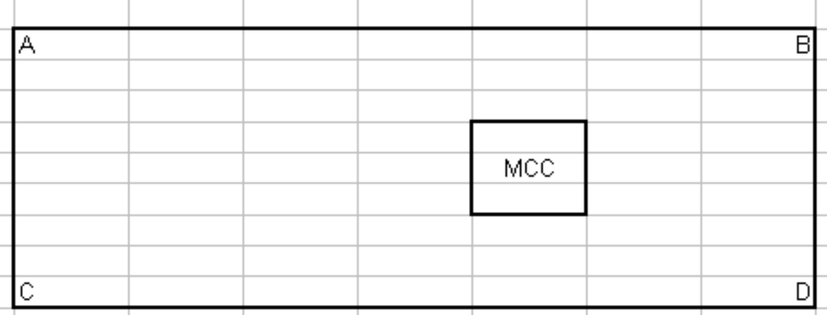
Laser Cut Hybrid Flex Measurements
17-Apr-00
Fred Goozen
file ag0243
units mm

Part	H27	H18	H19	H16	H17	H20	H22	H23	H24	H25	H26	larg	small	spread	
"A"															
Corner X	-5.0441	-5.0539	-5.0465	-5.0513	-5.0446	-5.0238	-5.0098	-5.0684	-5.0646	-5.1012	-5.0924	-5.0098	-5.1012	0.091	
Y	18.7985	18.7207	18.7100	18.8026	18.8054	18.7132	18.6305	18.7443	18.7376	18.7084	18.7521	18.8054	18.6305	0.175	
Cross X	0.0007	-0.0060	-0.0025	-0.0025	-0.0001	-0.0001	0.0008	0.0042	0.0029	0.0022	0.0039	0.0042	-0.0060	0.010	
Y	17.8879	17.8865	17.8942	17.8881	17.8895	17.8946	17.8853	17.8861	17.8939	17.8843	17.8893	17.8946	17.8843	0.010	
Hole X	0.0218	0.0010	-0.0017	-0.0007	0.0180	-0.0130	0.0035	0.0083	-0.0009	0.0075	0.0114	0.0218	-0.0130	0.035	
Y	17.8874	17.8823	17.8722	17.8761	17.8982	17.8539	17.8712	17.8901	17.8666	17.8582	17.8721	17.8982	17.8539	0.044	
"B"															
Corner X	67.4327	67.4336	67.4521	67.4478	67.4460	67.4644	67.4266	67.4199	67.4248	67.3933	67.4015	67.4644	67.3933	0.071	
Y	18.8010	18.7279	18.7192	18.6714	18.7404	18.7440	18.6502	18.7256	18.7177	18.7114	18.7235	18.8010	18.6502	0.151	
Cross X	62.3239	62.3277	62.3340	62.3402	62.3391	62.3474	62.3308	62.3309	62.3386	62.3334	62.3239	62.3474	62.3239	0.023	
Y	17.8844	17.8858	17.8915	17.8904	17.8959	17.8890	17.8856	17.8825	17.8901	17.8878	17.8789	17.8959	17.8789	0.017	
Hole X	62.3529	62.3019	62.3050	62.3498	62.3387	62.3484	62.3306	62.3268	62.3462	62.3622	62.3409	62.3622	62.3019	0.060	
Y	17.8808	17.8504	17.8919	17.8683	17.8719	17.8860	17.8746	17.8776	17.8768	17.8781	17.8784	17.8919	17.8504	0.041	
"C"															
Corner X	-5.0810	-5.0710	-5.0591	-5.0788	-5.0842	-5.0533	-5.0359	-5.0950	-5.0985	-5.1014	-5.0925	-5.0359	-5.1014	0.066	
Y	-0.8473	-0.8529	-0.9413	-0.8074	-0.8148	-0.8804	-0.9377	-0.8519	-0.8433	-0.8546	-0.8511	-0.8074	-0.9413	0.134	
Cross X	0.0000	0.0009	0.0000	0.0000	-0.0030	0.0041	0.0000	0.0020	-0.0019	-0.0021	-0.0018	0.0041	-0.0030	0.007	datum 0 X&Y
Y	0.0000	-0.0050	0.0000	0.0000	0.0020	0.0039	-0.0010	-0.0010	0.0041	-0.0030	0.0061	0.0061	-0.0050	0.011	
Hole X	0.0058	-0.0050	0.0010	0.0198	0.0050	-0.0175	0.0060	0.0086	0.0088	-0.0085	0.0009	0.0198	-0.0175	0.037	
Y	-0.0122	0.0001	-0.0030	-0.0163	-0.0001	-0.0206	-0.0001	-0.0192	-0.0072	-0.0218	-0.0040	0.0001	-0.0218	0.022	
"D"															
Corner X	67.3984	67.4156	67.4578	67.4211	67.4161	67.4448	67.4078	67.3972	67.3845	67.3815	67.3789	67.4578	67.3789	0.079	
Y	-0.8532	-0.8671	-0.9438	-0.8571	-0.8735	-0.8793	-0.9357	-0.8542	-0.8635	-0.8578	-0.8416	-0.8416	-0.9438	0.102	
Cross X	62.3214	62.3263	62.3322	62.3374	62.3408	62.3444	62.3267	62.3274	62.3275	62.3339	62.3279	62.3444	62.3214	0.023	datum align X
Y	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.000	
Hole X	62.3443	62.3101	62.3221	62.3319	62.3513	62.3151	62.3288	62.3272	62.3454	62.3506	62.3379	62.3513	62.3101	0.041	
Y	-0.0144	-0.0105	-0.0119	-0.0309	-0.0292	-0.0123	0.0060	-0.0120	-0.0035	-0.0114	-0.0003	0.0060	-0.0309	0.037	
corner Y (A to C)	19.6458	19.5736	19.6513	19.6100	19.6202	19.5936	19.5682	19.5962	19.5809	19.5630	19.6032	19.6513	19.5630	0.088	
corner Y (B to D)	19.6542	19.5950	19.6630	19.5285	19.6139	19.6233	19.5859	19.5798	19.5812	19.5692	19.5651	19.6630	19.5285	0.135	
corner X (A to B)	72.4768	72.4875	72.4986	72.4991	72.4906	72.4882	72.4364	72.4883	72.4894	72.4945	72.4939	72.4991	72.4364	0.063	
corner X (C to D)	72.4794	72.4866	72.5169	72.4999	72.5003	72.4981	72.4437	72.4922	72.4830	72.4829	72.4714	72.5169	72.4437	0.073	
cross Y (A to C)	17.8879	17.8915	17.8942	17.8881	17.8875	17.8907	17.8863	17.8871	17.8898	17.8873	17.8832	17.8942	17.8832	0.011	
cross Y (B to D)	17.8844	17.8857	17.8915	17.8904	17.8959	17.8890	17.8856	17.8825	17.8901	17.8878	17.8789	17.8959	17.8789	0.017	
cross X (A to B)	62.3232	62.3337	62.3365	62.3427	62.3392	62.3475	62.3300	62.3267	62.3357	62.3312	62.3200	62.3475	62.3200	0.028	
cross X (C to D)	62.3214	62.3254	62.3322	62.3374	62.3438	62.3403	62.3267	62.3254	62.3294	62.3360	62.3297	62.3438	62.3214	0.022	
cross to hole "A" X	-0.0211	-0.0070	-0.0008	-0.0018	-0.0181	0.0129	-0.0027	-0.0041	0.0038	-0.0053	-0.0075	0.0129	-0.0211	0.034	
cross to hole "A" Y	0.0005	0.0042	0.0220	0.0120	-0.0087	0.0407	0.0141	-0.0040	0.0273	0.0261	0.0172	0.0407	-0.0087	0.049	
cross to hole "B" X	-0.0290	0.0258	0.0290	-0.0096	0.0004	-0.0010	0.0002	0.0041	-0.0076	-0.0288	-0.0170	0.0290	-0.0290	0.058	
cross to hole "B" Y	0.0036	0.0354	-0.0004	0.0221	0.0240	0.0030	0.0110	0.0049	0.0133	0.0097	0.0005	0.0354	-0.0004	0.036	
cross to hole "C" X	-0.0058	0.0059	-0.0010	-0.0198	-0.0080	0.0216	-0.0060	-0.0066	-0.0107	0.0064	-0.0027	0.0216	-0.0198	0.041	
cross to hole "C" Y	0.0122	-0.0051	0.0030	0.0163	0.0021	0.0245	-0.0009	0.0182	0.0113	0.0188	0.0101	0.0245	-0.0051	0.030	
cross to hole "D" X	-0.0229	0.0162	0.0101	0.0055	-0.0105	0.0293	-0.0021	0.0002	-0.0179	-0.0167	-0.0100	0.0293	-0.0229	0.052	
cross to hole "D" Y	0.0144	0.0106	0.0119	0.0309	0.0292	0.0123	-0.0060	0.0120	0.0035	0.0114	0.0003	0.0309	-0.0060	0.037