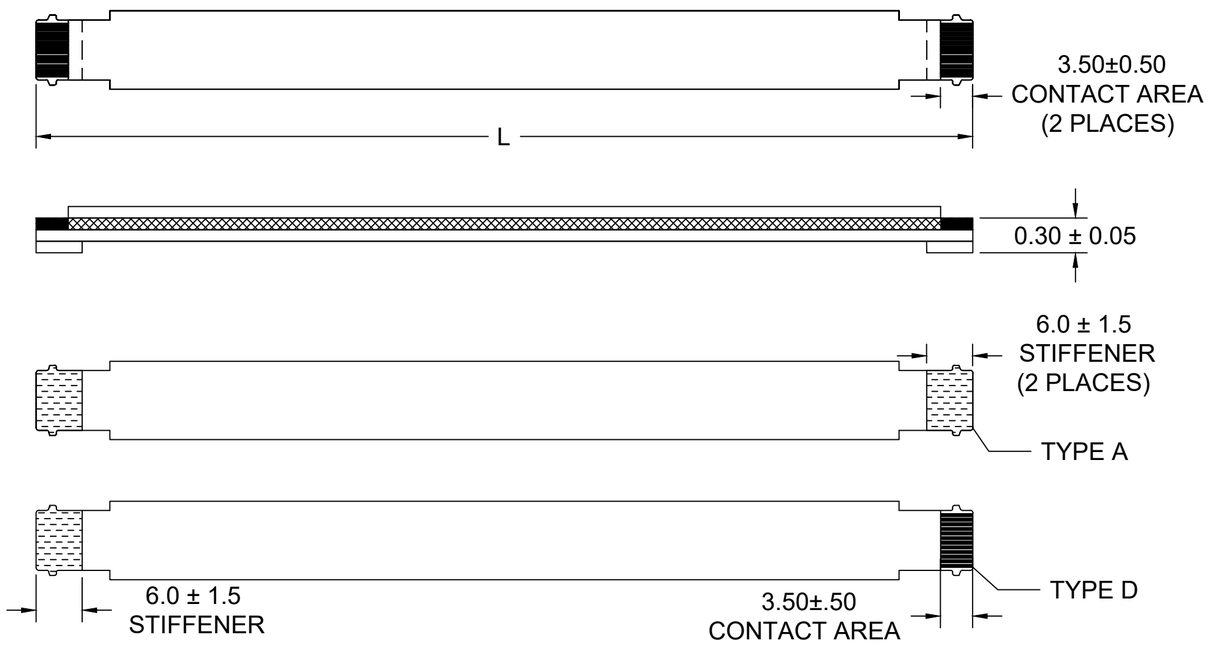
0.50MM CENTER FLAT FLEX CABLE (FFC) (105°C, Au PLATED)

"L" DIM. ==>	51 ± 2 MM (2 INCHES)		76 ± 3 MM (3 INCHES)		102 ± 3 MM (4 INCHES)		127 ± 4 MM (5 INCHES)		152 ± 4 MM (6 INCHES)		178 ± 4 MM (7 INCHES)		203 ± 4 MM (8 INCHES)		229 ± 5 MM (9 INCHES)		254 ± 5 MM (10 INCHES)		305 ± 5 MM (12 INCHES)	
REF DIM ==>																				
CABLE TYPE ==>	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
CIRCUITS "N" ↓																				
4	150180031	150180032	150180033	150180034	150180035	150180036	150180037	150180038	150180039	150180040	150180041	150180042	150180043	150180044	150180045	150180046	150180047	150180048	150180049	150180050
6	150180053	150180054	150180055	150180056	150180057	150180058	150180059	150180060	150180061	150180062	150180063	150180064	150180065	150180066	150180067	150180068	150180069	150180070	150180071	150180072
8	150180075	150180076	150180077	150180078	150180079	150180080	150180081	150180082	150180083	150180084	150180085	150180086	150180087	150180088	150180089	150180090	150180091	150180092	150180093	150180094
10	150180097	150180098	150180099	150180100	150180101	150180102	150180103	150180104	150180105	150180106	150180107	150180108	150180109	150180110	150180111	150180112	150180113	150180114	150180115	150180116
12	150180119	150180120	150180121	150180122	150180123	150180124	150180125	150180126	150180127	150180128	150180129	150180130	150180131	150180132	150180133	150180134	150180135	150180136	150180137	150180138
14	150180141	150180142	150180143	150180144	150180145	150180146	150180147	150180148	150180149	150180150	150180151	150180152	150180153	150180154	150180155	150180156	150180157	150180158	150180159	150180160
16	150180163	150180164	150180165	150180166	150180167	150180168	150180169	150180170	150180171	150180172	150180173	150180174	150180175	150180176	150180177	150180178	150180179	150180180	150180181	150180182
18	150180185	150180186	150180187	150180188	150180189	150180190	150180191	150180192	150180193	150180194	150180195	150180196	150180197	150180198	150180199	150180200	150180201	150180202	150180203	150180204
20	150180207	150180208	150180209	150180210	150180211	150180212	150180213	150180214	150180215	150180216	150180217	150180218	150180219	150180220	150180221	150180222	150180223	150180224	150180225	150180226
22	150180229	150180230	150180231	150180232	150180233	150180234	150180235	150180236	150180237	150180238	150180239	150180240	150180241	150180242	150180243	150180244	150180245	150180246	150180247	150180248
24	150180251	150180252	150180253	150180254	150180255	150180256	150180257	150180258	150180259	150180260	150180261	150180262	150180263	150180264	150180265	150180266	150180267	150180268	150180269	150180270
26	150180273	150180274	150180275	150180276	150180277	150180278	150180279	150180280	150180281	150180282	150180283	150180284	150180285	150180286	150180287	150180288	150180289	150180290	150180291	150180292
28	150180295	150180296	150180297	150180298	150180299	150180300	150180301	150180302	150180303	150180304	150180305	150180306	150180307	150180308	150180309	150180310	150180311	150180312	150180313	150180314
30	150180317	150180318	150180319	150180320	150180321	150180322	150180323	150180324	150180325	150180326	150180327	150180328	150180329	150180330	150180331	150180332	150180333	150180334	150180335	150180336
32	150180339	150180340	150180341	150180342	150180343	150180344	150180345	150180346	150180347	150180348	150180349	150180350	150180351	150180352	150180353	150180354	150180355	150180356	150180357	150180358
34	150180361	150180362	150180363	150180364	150180365	150180366	150180367	150180368	150180369	150180370	150180371	150180372	150180373	150180374	150180375	150180376	150180377	150180378	150180379	150180380
36	150180383	150180384	150180385	150180386	150180387	150180388	150180389	150180390	150180391	150180392	150180393	150180394	150180395	150180396	150180397	150180398	150180399	150180400	150180401	150180402
38	150180405	150180406	150180407	150180408	150180409	150180410	150180411	150180412	150180413	150180414	150180415	150180416	150180417	150180418	150180419	150180420	150180421	150180422	150180423	150180424
40	150180427	150180428	150180429	150180430	150180431	150180432	150180433	150180434	150180435	150180436	150180437	150180438	150180439	150180440	150180441	150180442	150180443	150180444	150180445	150180446
42	150180449	150180450	150180451	150180452	150180453	150180454	150180455	150180456	150180457	150180458	150180459	150180460	150180461	150180462	150180463	150180464	150180465	150180466	150180467	150180468
44	150180471	150180472	150180473	150180474	150180475	150180476	150180477	150180478	150180479	150180480	150180481	150180482	150180483	150180484	150180485	150180486	150180487	150180488	150180489	150180490
46	150180493	150180494	150180495	150180496	150180497	150180498	150180499	150180500	150180501	150180502	150180503	150180504	150180505	150180506	150180507	150180508	150180509	150180510	150180511	150180512
48	150180515	150180516	150180517	150180518	150180519	150180520	150180521	150180522	150180523	150180524	150180525	150180526	150180527	150180528	150180529	150180530	150180531	150180532	150180533	150180534
50	150180537	150180538	150180539	150180540	150180541	150180542	150180543	150180544	150180545	150180546	150180547	150180548	150180549	150180550	150180551	150180552	150180553	150180554	150180555	150180556
52	150180601	150180602	150180603	150180604	150180605	150180606	150180607	150180608	150180609	150180610	150180611	150180612	150180613	150180614	150180615	150180616	150180617	150180618	150180619	150180620
54	150180623	150180624	150180625	150180626	150180627	150180628	150180629	150180630	150180631	150180632	150180633	150180634	150180635	150180636	150180637	150180638	150180639	150180640	150180641	150180642
56	150180645	150180646	150180647	150180648	150180649	150180650	150180651	150180652	150180653	150180654	150180655	150180656	150180657	150180658	150180659	150180660	150180661	150180662	150180663	150180664
58	150180667	150180668	150180669	150180670	150180671	150180672	150180673	150180674	150180675	150180676	150180677	150180678	150180679	150180680	150180681	150180682	150180683	150180684	150180685	150180686
60	150180559	150180560	150180561	150180562	150180563	150180564	150180565	150180566	150180567	150180568	150180569	150180570	150180571	150180572	150180573	150180574	150180575	150180576	150180577	150180578
64	150180689	150180690	150180691	150180692	150180693	150180694	150180695	150180696	150180697	150180698	150180699	150180700	150180701	150180702	150180703	150180704	150180705	150180706	150180707	150180708
68	150181361	150181362	150181363	150181364	150181365	150181366	150181367	150181368	150181369	150181370	150181371	150181372	150181373	150181374	150181375	150181376	150181377	150181378	150181379	150181380
70	150180581	150180582	150180583	150180584	150180585	150180586	150180587	150180588	150180589	150180590	150180591	150180592	150180593	150180594	150180595	150180596	150180597	150180598	150180599	150180600
80	150181383	150181384	150181385	150181386	150181387	150181388	150181389	150181390	150181391	150181392	150181393	150181394	150181395	150181396	150181397	150181398	150181399	150181400	150181401	150181402



NOTES:

1. NO PRINTING ON JUMPER CABLE UNLESS OTHERWISE SPECIFIED. IF PRINTING IS REQUIRED, THEN IT WOULD BE CONSIDERED A SPECIAL JUMPER CABLE.
2. FOR ODD CIRCUIT COUNT, CROSS-SECTION AND END-TAIL DETAIL REFER TO SHEET # 2
3. CABLES MATES WITH MOLEX FFC/FPC CONNECTOR SERIES # 505110

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA=0
FC=0
FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ----	± ----
3 PLACES	± ----	± ----
2 PLACES	± ----	± ----
1 PLACE	± ----	± ----
0 PLACES	± ----	± ----
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: 4, 5, 51-59, 61, 64, 68, 80 CKTS ADDED TO CHART

STATUS: Production
DRWN: DIEGO ANDRES GOMEZ 2023-07-26
CHK'D: MATTHEW IMIG 2023-08-08
APPR: DAVID FALLA 2023-08-08

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 15018

molex

0.50MM CENTER FLAT FLEX CABLE (FFC)
(105°C, AU PLATED) SALES DRAWING

PRODUCT SALES DRAWING

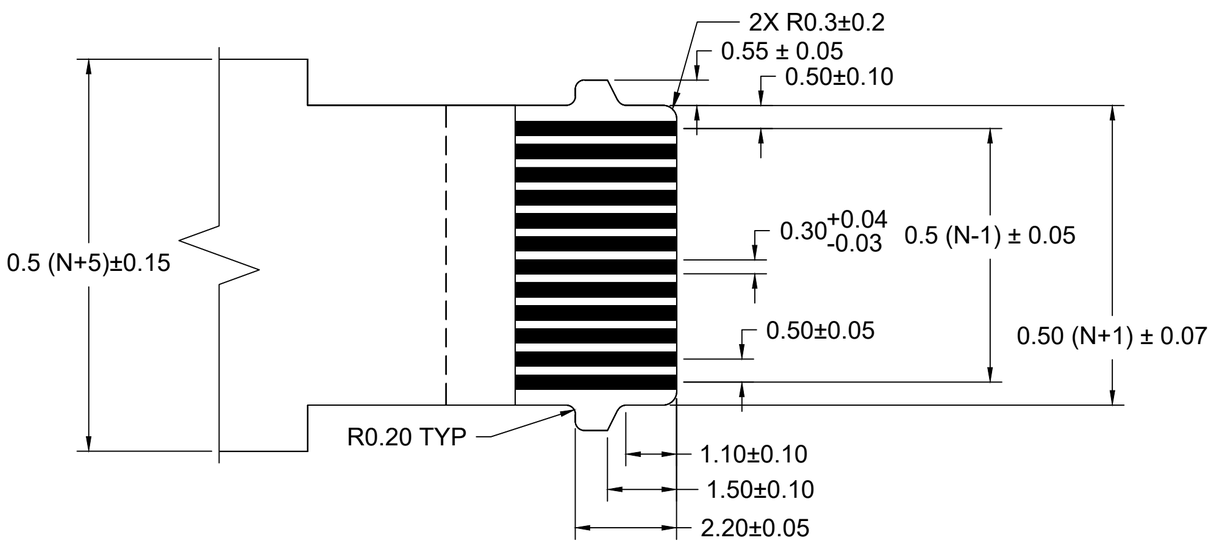
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-15018-001	PSD	001	E

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
150180001	GENERAL MARKET	1 OF 2

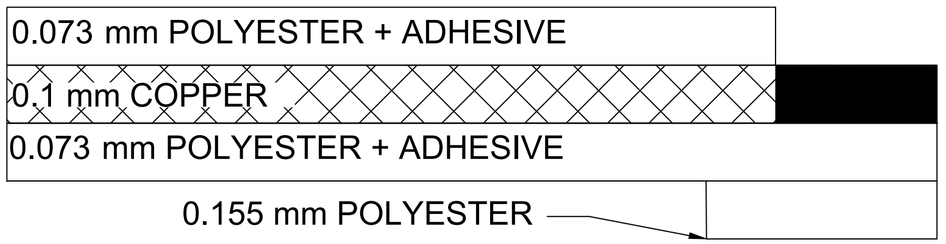
FORMAT: IN-ACAD-tb-prod-C
REVISION: A
DATE: 2023/02/21

0.50MM CENTER FLAT FLEX CABLE (FFC) (105°C, Au PLATED)

"L" DIM. →	51 ± 2 MM		76 ± 3 MM		102 ± 3 MM		127 ± 4 MM		152 ± 4 MM		178 ± 4 MM		203 ± 4 MM		229 ± 5 MM		254 ± 5 MM		305 ± 5 MM	
REF DIM →	(2 INCHES)		(3 INCHES)		(4 INCHES)		(5 INCHES)		(6 INCHES)		(7 INCHES)		(8 INCHES)		(9 INCHES)		(10 INCHES)		(12 INCHES)	
CABLE TYPE →	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D
CIRCUITS "N" ↓																				
5	150180725	150180724	150180727	150180726	150180729	150180728	150180731	150180730	150180733	150180732	150180735	150180734	150180737	150180736	150180739	150180738	150180741	150180740	150180743	150180742
7	150180747	150180746	150180749	150180748	150180751	150180750	150180753	150180752	150180755	150180754	150180757	150180756	150180759	150180758	150180761	150180760	150180763	150180762	150180765	150180764
9	150180769	150180768	150180771	150180770	150180773	150180772	150180775	150180774	150180777	150180776	150180779	150180778	150180781	150180780	150180783	150180782	150180785	150180784	150180787	150180786
11	150180791	150180790	150180793	150180792	150180795	150180794	150180797	150180796	150180799	150180798	150180801	150180800	150180803	150180802	150180805	150180804	150180807	150180806	150180809	150180808
13	150180813	150180812	150180815	150180814	150180817	150180816	150180819	150180818	150180821	150180820	150180823	150180822	150180825	150180824	150180827	150180826	150180829	150180828	150180831	150180830
15	150180835	150180834	150180837	150180836	150180839	150180838	150180841	150180840	150180843	150180842	150180845	150180844	150180847	150180846	150180849	150180848	150180851	150180850	150180853	150180852
17	150180857	150180856	150180859	150180858	150180861	150180860	150180863	150180862	150180865	150180864	150180867	150180866	150180869	150180868	150180871	150180870	150180873	150180872	150180875	150180874
19	150180879	150180878	150180881	150180880	150180883	150180882	150180885	150180884	150180887	150180886	150180889	150180888	150180891	150180890	150180893	150180892	150180895	150180894	150180897	150180896
21	150180901	150180900	150180903	150180902	150180905	150180904	150180907	150180906	150180909	150180908	150180911	150180910	150180913	150180912	150180915	150180914	150180917	150180916	150180919	150180918
23	150180923	150180922	150180925	150180924	150180927	150180926	150180929	150180928	150180931	150180930	150180933	150180932	150180935	150180934	150180937	150180936	150180939	150180938	150180941	150180940
25	150180945	150180944	150180947	150180946	150180949	150180948	150180951	150180950	150180953	150180952	150180955	150180954	150180957	150180956	150180959	150180958	150180961	150180960	150180963	150180962
27	150180967	150180966	150180969	150180968	150180971	150180970	150180973	150180972	150180975	150180974	150180977	150180976	150180979	150180978	150180981	150180980	150180983	150180982	150180985	150180984
29	150180989	150180988	150180991	150180990	150180993	150180992	150180995	150180994	150180997	150180996	150180999	150180998	150181001	150181000	150181003	150181002	150181005	150181004	150181007	150181006
31	150181011	150181010	150181013	150181012	150181015	150181014	150181017	150181016	150181019	150181018	150181021	150181020	150181023	150181022	150181025	150181024	150181027	150181026	150181029	150181028
33	150181033	150181032	150181035	150181034	150181037	150181036	150181039	150181038	150181041	150181040	150181043	150181042	150181045	150181044	150181047	150181046	150181049	150181048	150181051	150181050
35	150181055	150181054	150181057	150181056	150181059	150181058	150181061	150181060	150181063	150181062	150181065	150181064	150181067	150181066	150181069	150181068	150181071	150181070	150181073	150181072
37	150181077	150181076	150181079	150181078	150181081	150181080	150181083	150181082	150181085	150181084	150181087	150181086	150181089	150181088	150181091	150181090	150181093	150181092	150181095	150181094
39	150181099	150181098	150181101	150181100	150181103	150181102	150181105	150181104	150181107	150181106	150181109	150181108	150181111	150181110	150181113	150181112	150181115	150181114	150181117	150181116
41	150181121	150181120	150181123	150181122	150181125	150181124	150181127	150181126	150181129	150181128	150181131	150181130	150181133	150181132	150181135	150181134	150181137	150181136	150181139	150181138
43	150181143	150181142	150181145	150181144	150181147	150181146	150181149	150181148	150181151	150181150	150181153	150181152	150181155	150181154	150181157	150181156	150181159	150181158	150181161	150181160
45	150181165	150181164	150181167	150181166	150181169	150181168	150181171	150181170	150181173	150181172	150181175	150181174	150181177	150181176	150181179	150181178	150181181	150181180	150181183	150181182
47	150181187	150181186	150181189	150181188	150181191	150181190	150181193	150181192	150181195	150181194	150181197	150181196	150181199	150181198	150181201	150181200	150181203	150181202	150181205	150181204
49	150181209	150181208	150181211	150181210	150181213	150181212	150181215	150181214	150181217	150181216	150181219	150181218	150181221	150181220	150181223	150181222	150181225	150181224	150181227	150181226
51	150181231	150181230	150181233	150181232	150181235	150181234	150181237	150181236	150181239	150181238	150181241	150181240	150181243	150181242	150181245	150181244	150181247	150181246	150181249	150181248
53	150181253	150181252	150181255	150181254	150181257	150181256	150181259	150181258	150181261	150181260	150181263	150181262	150181265	150181264	150181267	150181266	150181269	150181268	150181271	150181270
55	150181275	150181274	150181277	150181276	150181279	150181278	150181281	150181280	150181283	150181282	150181285	150181284	150181287	150181286	150181289	150181288	150181291	150181290	150181293	150181292
57	150181297	150181296	150181299	150181298	150181301	150181300	150181303	150181302	150181305	150181304	150181307	150181306	150181309	150181308	150181311	150181310	150181313	150181312	150181315	150181314
59	150181319	150181318	150181321	150181320	150181323	150181322	150181325	150181324	150181327	150181326	150181329	150181328	150181331	150181330	150181333	150181332	150181335	150181334	150181337	150181336
61	150181341	150181340	150181343	150181342	150181345	150181344	150181347	150181346	150181349	150181348	150181351	150181350	150181353	150181352	150181355	150181354	150181357	150181356	150181359	150181358



END-TAIL DIMENSIONS
SCALE 10:1



CROSS-SECTION

NOTES:

1. NO PRINTING ON JUMPER CABLE UNLESS OTHERWISE SPECIFIED. IF PRINTING IS REQUIRED, THEN IT WOULD BE CONSIDERED A SPECIAL JUMPER CABLE.
2. CABLES MATE WITH MOLEX FFC/FPC CONNECTOR SERIES # 505110

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA=0, FC=0, FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----

ANGULAR TOL ± 0.5 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: 4, 5, 51-59, 61, 64, 68, 80 CKTS ADDED TO CHART

STATUS: Production
DRWN: DIEGO ANDRES GOMEZ 2023-07-26
CHK'D: MATTHEW IMIG 2023-08-08
APPR: DAVID FALLA 2023-08-08

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 15018

molex

0.50MM CENTER FLAT FLEX CABLE (FFC)
(105°C, AU PLATED) SALES DRAWING

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-15018-001	PSD	001	E

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
150180001	GENERAL MARKET	2 OF 2

FORMAT: IN-ACAD-tb-prod-C
REVISION: A
DATE: 2023/02/21