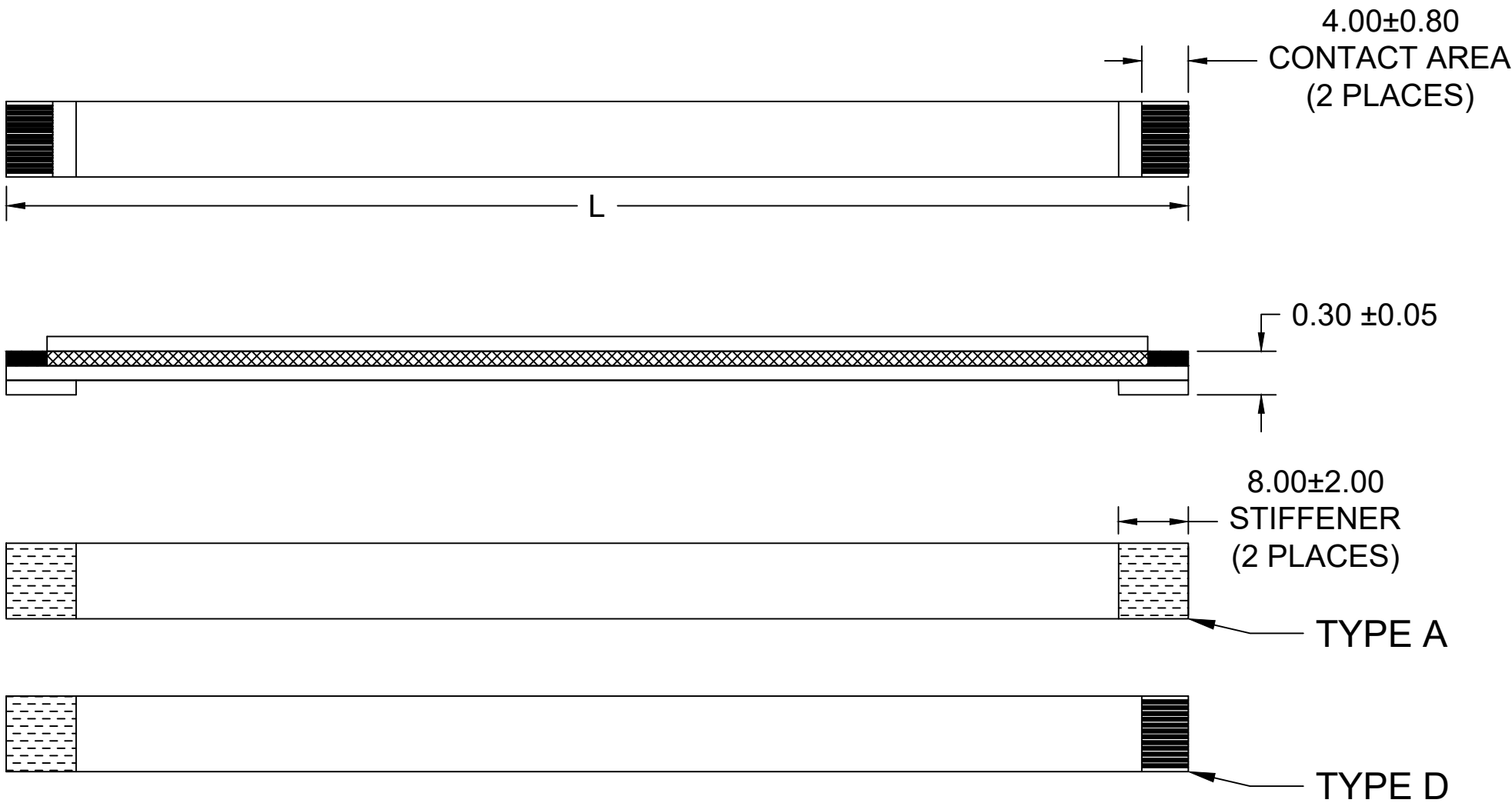


12		11		10		9		8		7		6		5		4		3		2		1	
0.50MM CENTER FLAT FLEX CABLE (FFC) (EXTRA FLEXIBLE, 105°C, Sn PLATED)																							
"L" DIM. →	30 ± 2 MM		51 ± 2 MM		76 ± 3 MM		102 ± 3 MM		127 ± 4 MM		152 ± 4 MM		178 ± 4 MM		203 ± 4 MM		229 ± 5 MM		254 ± 5 MM		305 ± 5 MM		
REF DIM →	(1.18 INCH)		(2 INCHES)		(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	A	D	
CIRCUITS "N" ↓																							
4	151660029	151660030	151660031	151660032	151660033	151660034	151660035	151660036	151660037	151660038	151660039	151660040	151660041	151660042	151660043	151660044	151660045	151660046	151660047	151660048	151660049	151660050	
6	151660051	151660052	151660053	151660054	151660055	151660056	151660057	151660058	151660059	151660060	151660061	151660062	151660063	151660064	151660065	151660066	151660067	151660068	151660069	151660070	151660071	151660072	
8	151660073	151660074	151660075	151660076	151660077	151660078	151660079	151660080	151660081	151660082	151660083	151660084	151660085	151660086	151660087	151660088	151660089	151660090	151660091	151660092	151660093	151660094	
10	151660095	151660096	151660097	151660098	151660099	151660100	151660101	151660102	151660103	151660104	151660105	151660106	151660107	151660108	151660109	151660110	151660111	151660112	151660113	151660114	151660115	151660116	
12	151660117	151660118	151660119	151660120	151660121	151660122	151660123	151660124	151660125	151660126	151660127	151660128	151660129	151660130	151660131	151660132	151660133	151660134	151660135	151660136	151660137	151660138	
14	151660139	151660140	151660141	151660142	151660143	151660144	151660145	151660146	151660147	151660148	151660149	151660150	151660151	151660152	151660153	151660154	151660155	151660156	151660157	151660158	151660159	151660160	
16	151660161	151660162	151660163	151660164	151660165	151660166	151660167	151660168	151660169	151660170	151660171	151660172	151660173	151660174	151660175	151660176	151660177	151660178	151660179	151660180	151660181	151660182	
18	151660183	151660184	151660185	151660186	151660187	151660188	151660189	151660190	151660191	151660192	151660193	151660194	151660195	151660196	151660197	151660198	151660199	151660200	151660201	151660202	151660203	151660204	
20	151660205	151660206	151660207	151660208	151660209	151660210	151660211	151660212	151660213	151660214	151660215	151660216	151660217	151660218	151660219	151660220	151660221	151660222	151660223	151660224	151660225	151660226	
22	151660227	151660228	151660229	151660230	151660231	151660232	151660233	151660234	151660235	151660236	151660237	151660238	151660239	151660240	151660241	151660242	151660243	151660244	151660245	151660246	151660247	151660248	
24	151660249	151660250	151660251	151660252	151660253	151660254	151660255	151660256	151660257	151660258	151660259	151660260	151660261	151660262	151660263	151660264	151660265	151660266	151660267	151660268	151660269	151660270	
26	151660271	151660272	151660273	151660274	151660275	151660276	151660277	151660278	151660279	151660280	151660281	151660282	151660283	151660284	151660285	151660286	151660287	151660288	151660289	151660290	151660291	151660292	
28	151660293	151660294	151660295	151660296	151660297	151660298	151660299	151660300	151660301	151660302	151660303	151660304	151660305	151660306	151660307	151660308	151660309	151660310	151660311	151660312	151660313	151660314	
30	151660315	151660316	151660317	151660318	151660319	151660320	151660321	151660322	151660323	151660324	151660325	151660326	151660327	151660328	151660329	151660330	151660331	151660332	151660333	151660334	151660335	151660336	
32	151660337	151660338	151660339	151660340	151660341	151660342	151660343	151660344	151660345	151660346	151660347	151660348	151660349	151660350	151660351	151660352	151660353	151660354	151660355	151660356	151660357	151660358	
34	151660359	151660360	151660361	151660362	151660363	151660364	151660365	151660366	151660367	151660368	151660369	151660370	151660371	151660372	151660373	151660374	151660375	151660376	151660377	151660378	151660379	151660380	
36	151660381	151660382	151660383	151660384	151660385	151660386	151660387	151660388	151660389	151660390	151660391	151660392	151660393	151660394	151660395	151660396	151660397	151660398	151660399	151660400	151660401	151660402	
38	151660403	151660404	151660405	151660406	151660407	151660408	151660409	151660410	151660411	151660412	151660413	151660414	151660415	151660416	151660417	151660418	151660419	151660420	151660421	151660422	151660423	151660424	
40	151660425	151660426	151660427	151660428	151660429	151660430	151660431	151660432	151660433	151660434	151660435	151660436	151660437	151660438	151660439	151660440	151660441	151660442	151660443	151660444	151660445	151660446	
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44	151660469	151660470	151660471	151660472	151660473	151660474	151660475	151660476	151660477	151660478	151660479	151660480	151660481	151660482	151660483	151660484	151660485	151660486	151660487	151660488	151660489	151660490	
46	151660491	151660492	151660493	151660494	151660495	151660496	151660497	151660498	151660499	151660500	151660501	151660502	151660503	151660504	151660505	151660506	151660507	151660508	151660509	151660510	151660511	151660512	
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50	151660535	151660536	151660537	151660538	151660539	151660540	151660541	151660542	151660543	151660544	151660545	151660546	151660547	151660548	151660549	151660550	151660551	151660552	151660553	151660554	151660555	151660556	



- NOTES:
- NO PRINTING ON JUMPER CABLE UNLESS OTHERWISE SPECIFIED. IF PRINTING IS REQUIRED, THEN IT WOULD BE CONSIDERED A SPECIAL JUMPER CABLE.
 - FOR ODD CIRCUIT COUNT, CROSS-SECTION AND END-TAIL DETAIL REFER TO SHEET # 2

FUNCTIONAL SYMBOLS =0 =0 =0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
	DIMENSION UNITS			SCALE			CURRENT REV DESC: PN 982331083 REPLACED WITH 151661083						molex 0.50MM CENTER FLAT FLEX CABLE (FFC) (EXTRA FLEXIBLE, 105°C, SN PLATED) SALES DRAWING											
	MM			2:1																				
	GENERAL TOLERANCES (UNLESS SPECIFIED)						STATUS:Production DRWN: DIEGO GOMEZ 2024-01-02 CHK'D: MATTHEW IMIG 2024-04-23 APPR: DAVID FALLA 2024-04-23						PRODUCT SALES DRAWING DOCUMENT NUMBER SD-15166-001 DOC TYPE PSD DOC PART 001 REVISION E											
																					mm		INCH	
																			4 PLACES		± ----		± ----	
																			3 PLACES		± ----		± ----	
																			2 PLACES		± ----		± ----	
																			1 PLACE		± ----		± ----	
																			0 PLACES		± ----		± ----	
	ANGULAR TOL ± 0.5 °																							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIRD ANGLE PROJECTION 			DRAWING C-SIZE			SERIES 15166			MATERIAL NUMBER 151660001			CUSTOMER GENERAL MARKET			SHEET NUMBER 1 OF 2		

121110987654321

0.50MM CENTER FLAT FLEX CABLE (FFC) (EXTRA FLEXIBLE, 105°C, Sn PLATED)

"L" DIM. →30 ± 2 MM51 ± 2 MM76 ± 3 MM102 ± 3 MM127 ± 4 MM152 ± 4 MM178 ± 4 MM203 ± 4 MM229 ± 5 MM254 ± 5 MM305 ± 5 MM

REF DIM →(1.18 INCH)(2 INCHES)(3 INCHES)(4 INCHES)(5 INCHES)(6 INCHES)(7 INCHES)(8 INCHES)(9 INCHES)(10 INCHES)(12 INCHES)

CABLE TYPE →

CIRCUITS "N" ↓

7151660745151660744151660747151660746151660749151660748151660751151660750151660753151660752151660755151660754151660757151660756151660759151660758151660761151660760151660763151660762151660765151660764

9151660767151660766151660769151660768151660771151660770151660773151660772151660775151660774151660777151660776151660779151660778151660781151660780151660783151660782151660785151660784151660787151660786

11151660789151660788151660791151660790151660793151660792151660795151660794151660797151660796151660799151660798151660801151660800151660803151660802151660805151660804151660807151660806151660809151660808

13151660811151660810151660813151660812151660815151660814151660817151660816151660819151660818151660821151660820151660823151660822151660825151660824151660827151660826151660829151660828151660831151660830

15151660833151660832151660835151660834151660837151660836151660839151660838151660841151660840151660843151660842151660845151660844151660847151660846151660849151660848151660851151660850151660853151660852

17151660855151660854151660857151660856151660859151660858151660861151660860151660863151660862151660865151660864151660867151660866151660869151660868151660871151660870151660873151660872151660875151660874

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21151660899151660898151660901151660900151660903151660902151660905151660904151660907151660906151660909151660908151660911151660910151660913151660912151660915151660914151660917151660916151660919151660918

23151660921151660920151660923151660922151660925151660924151660927151660926151660929151660928151660931151660930151660933151660932151660935151660934151660937151660936151660939151660938151660941151660940

25151660943151660942151660945151660944151660947151660946151660949151660948151660951151660950151660953151660952151660955151660954151660957151660956151660959151660958151660961151660960151660963151660962

27151660965151660964151660967151660966151660969151660968151660971151660970151660973151660972151660975151660974151660977151660976151660979151660978151660981151660980151660983151660982151660985151660984

29151660987151660986151660989151660988151660991151660990151660993151660992151660995151660994151660997151660996151660999151660998151661001151661000151661003151661002151661005151661004151661007151661006

31151661009151661008151661011151661010151661013151661012151661015151661014151661017151661016151661019151661018151661021151661020151661023151661022151661025151661024151661027151661026151661029151661028

33151661031151661030151661033151661032151661035151661034151661037151661036151661039151661038151661041151661040151661043151661042151661045151661044151661047151661046151661049151661048151661051151661050

35151661053151661052151661055151661054151661057151661056151661059151661058151661061151661060151661063151661062151661065151661064151661067151661066151661069151661068151661071151661070151661073151661072

37151661075151661074151661077151661076151661079151661078151661081151661080151661083151661082151661085151661084151661087151661086151661089151661088151661091151661090151661093151661092151661095151661094

39151661097151661096151661099151661098151661101151661100151661103151661102151661105151661104151661107151661106151661109151661108151661111151661110151661113151661112151661115151661114151661117151661116

41151661119151661118151661121151661120151661123151661122151661125151661124151661127151661126151661129151661128151661131151661130151661133151661132151661135151661134151661137151661136151661139151661138

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45151661163151661162151661165151661164151661167151661166151661169151661168151661171151661170151661173151661172151661175151661174151661177151661176151661179151661178151661181151661180151661183151661182

47151661185151661184151661187151661186151661189151661188151661191151661190151661193151661192151661195151661194151661197151661196151661199151661198151661201151661200151661203151661202151661205151661204

49151661207151661206151661209151661208151661211151661210151661213151661212151661215151661214151661217151661216151661219151661218151661221151661220151661223151661222151661225151661224151661227151661226

0.043 mm POLYESTER + ADHESIVE

0.035 mm COPPER

0.043 mm POLYESTER + ADHESIVE

0.226 mm POLYESTER

CROSS-SECTION

4.00±0.80

0.50±0.12

0.50±0.05

0.5 (N-1) ± 0.07

0.30±0.02

0.50 (N+1) ± 0.06

END TAIL DETAIL

SCALE 10:1

NOTES:

1. NO PRINTING ON JUMPER CABLE UNLESS OTHERWISE SPECIFIED. IF PRINTING IS REQUIRED, THEN IT WOULD BE CONSIDERED A SPECIAL JUMPER CABLE.

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

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

CURRENT REV DESC: PN 982331083 REPLACED WITH 151661083

STATUS:Production

DRWN: DIEGO GOMEZ2024-01-02

CHK'D: MATTHEW IMIG2024-04-23

APPR: DAVID FALLA2024-04-23

THIRD ANGLE PROJECTION

DRAWING

SERIES

DOCUMENT NUMBER

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SD-15166-001

PSD

001

E

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

PRODUCT SALES DRAWING

GENERAL MARKET

2 OF 2

molex

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

121110987654321

FORMAT: IN:AC4D80-pmc-C
REVISION: A
DATE: 2024/01/01