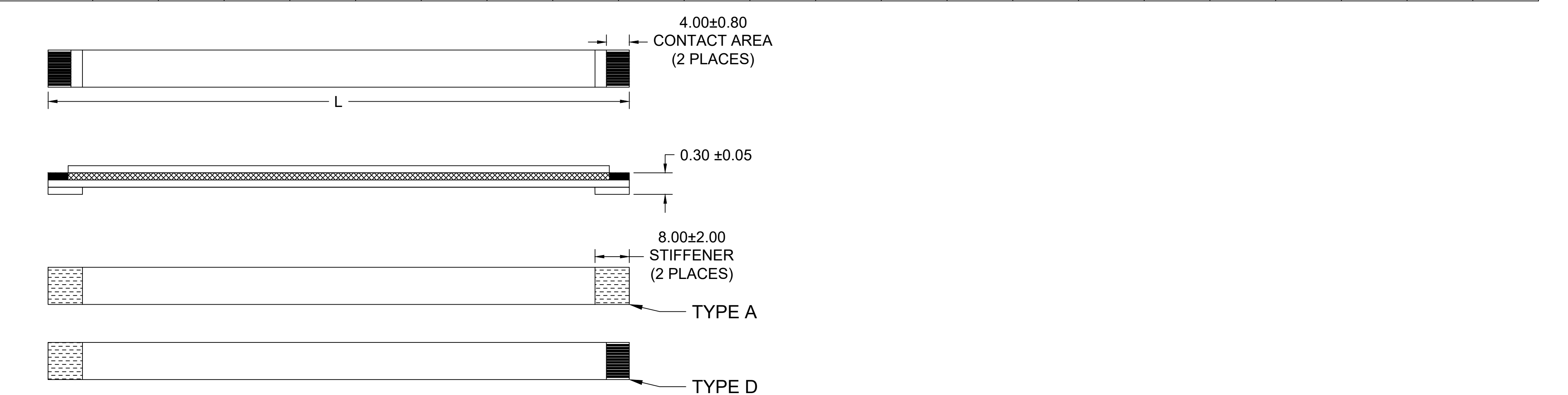


	12	11	10	9	8	7	6	5	4	3	2	1											
0.50MM CENTER FLAT FLEX CABLE (FFC) (EXTRA FLEXIBLE, 105°C, Sn PLATED)																							
"L" DIM. →	30 ± 2 MM		51 ± 2 MM		76 ± 3 MM		102 ± 3 MM		127 ± 4 MM		152 ± 4 MM		178 ± 4 MM		203 ± 4 MM		229 ± 5 MM		254 ± 5 MM		305 ± 5 MM		
REF DIM →	(1.18 INCH)		(2 INCHES)		(3 INCHES)		(4 INCHES)		(5 INCHES)		(6 INCHES)		(7 INCHES)		(8 INCHES)		(9 INCHES)		(10 INCHES)		(12 INCHES)		
CABLE TYPE → CIRCUITS ↓	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	
6	151660051	151660052	151660053	151660054	151660055	151660056	151660057	151660058	151660059	151660060	151660061	151660062	151660063	151660064	151660065	151660066	151660067	151660068	151660069	151660070	151660071	151660072	G
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	F
16	151660161	151660162	151660163	151660164	151660165	151660166	151660167	151660168	151660169	151660170	151660171	151660172	151660173	151660174	151660175	151660176	151660177	151660178	151660179	151660180	151660181	151660182	
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22	151660227	151660228	151660229	151660230	151660231	151660232	151660233	151660234	151660235	151660236	151660237	151660238	151660239	151660240	151660241	151660242	151660243	151660244	151660245	151660246	151660247	151660248	E
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	
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30	151660315	151660316	151660317	151660318	151660319	151660320	151660321	151660322	151660323	151660324	151660325	151660326	151660327	151660328	151660329	151660330	151660331	151660332	151660333	151660334	151660335	151660336	D
32	151660337	151660338	151660339	151660340	151660341	151660342	151660343	151660344	151660345	151660346	151660347	151660348	151660349	151660350	151660351	151660352	151660353	151660354	151660355	151660356	151660357	151660358	
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40	151660425	151660426	151660427	151660428	151660429	151660430	151660431	151660432	151660433	151660434	151660435	151660436	151660437	151660438	151660439	151660440	151660441	151660442	151660443	151660444	151660445	151660446	
42	151660447	151660448	151660449	151660450	151660451	151660452	151660453	151660454	151660455	151660456	151660457	151660458	151660459	151660460	151660461	151660462	151660463	151660464	151660465	151660466	151660467	151660468	
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46	151660491	151660492	151660493	151660494	151660495	151660496	151660497	151660498	151660499	151660500	151660501	151660502	151660503	151660504	151660505	151660506	151660507	151660508	151660509	151660510	151660511	151660512	B
48	151660513	151660514	151660515	151660516	151660517	151660518	151660519	151660520	151660521	151660522	151660523	151660524	151660525	151660526	151660527	151660528	151660529	151660530	151660531	151660532	151660533	151660534	
50	151660535	151660536	151660537	151660538	151660539	151660540	151660541	151660542	151660543	151660544	151660545	151660546	151660547	151660548	151660549	151660550	151660551	151660552	151660553	151660554	151660555	151660556	



DOCUMENT STATUS

P1

RELEASE DATE

2022/11/14

14:34:44

12

11

10

9

8

7

6

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4

3

2

1

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

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

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

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

15166

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 2

CURRENT REV DESC: DRAWING CORRECTION

EC NO: 728054

DRWN: DIEGOG7

CHK'D: JSMITH11

APPR: JSMITH11

2022/11/10

2022/11/14

2022/11/14

INITIAL REVISION:

DRWN: JLWOLFSB

APPR: SFULTON

2011/10/27

2011/11/03

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-15166-001

DOC TYPE

PSD

DOC PART

001

REVISION

B

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

CIRCUITS ↓

7

151660745

151660744

151660747

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151660749

151660748

151660751

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151661003

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151661006

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151661224

151661227

151661226

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.

DOCUMENT STATUS

P1

RELEASE DATE

2022/11/14

14:34:44

12

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1

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

DIMENSION UNITS

MM

SCALE

NA

CURRENT REV DESC:

DRAWING CORRECTION

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

THIRD ANGLE PROJECTION

C-SIZE

SERIES

15166

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

EC NO:

728054

DRWN:

DIEGOG7

2022/11/10

CHK'D:

JSMITH11

2022/11/14

APPR:

JSMITH11

2022/11/14

INITIAL REVISION:

DRWN:

JLWOLF5B

2011/10/27

APPR:

SFULTON

2011/11/03

0.50MM CENTER FLAT FLEX CABLE (FFC)

(EXTRA FLEXIBLE, 105°C, SN PLATED) SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-15166-001

DOC TYPE

PSD

DOC PART

001

REVISION

B