

121110987654321

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 "N" ↓

A

D

A

D

A

D

A

D

A

D

A

D

A

D

A

D

A

D

A

D

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

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" ↓																						
7	151660745	151660744	151660747	151660746	151660749	151660748	151660751	151660750	151660753	151660752	151660755	151660754	151660757	151660756	151660759	151660758	151660761	151660760	151660763	151660762	151660765	151660764
9	151660767	151660766	151660769	151660768	151660771	151660770	151660773	151660772	151660775	151660774	151660777	151660776	151660779	151660778	151660781	151660780	151660783	151660782	151660785	151660784	151660787	151660786
11	151660789	151660788	151660791	151660790	151660793	151660792	151660795	151660794	151660797	151660796	151660799	151660798	151660801	151660800	151660803	151660802	151660805	151660804	151660807	151660806	151660809	151660808
13	151660811	151660810	151660813	151660812	151660815	151660814	151660817	151660816	151660819	151660818	151660821	151660820	151660823	151660822	151660825	151660824	151660827	151660826	151660829	151660828	151660831	151660830
15	151660833	151660832	151660835	151660834	151660837	151660836	151660839	151660838	151660841	151660840	151660843	151660842	151660845	151660844	151660847	151660846	151660849	151660848	151660851	151660850	151660853	151660852
17	151660855	151660854	151660857	151660856	151660859	151660858	151660861	151660860	151660863	151660862	151660865	151660864	151660867	151660866	151660869	151660868	151660871	151660870	151660873	151660872	151660875	151660874
19	151660877	151660876	151660879	151660878	151660881	151660880	151660883	151660882	151660885	151660884	151660887	151660886	151660889	151660888	151660891	151660890	151660893	151660892	151660895	151660894	151660897	151660896
21	151660899	151660898	151660901	151660900	151660903	151660902	151660905	151660904	151660907	151660906	151660909	151660908	151660911	151660910	151660913	151660912	151660915	151660914	151660917	151660916	151660919	151660918
23	151660921	151660920	151660923	151660922	151660925	151660924	151660927	151660926	151660929	151660928	151660931	151660930	151660933	151660932	151660935	151660934	151660937	151660936	151660939	151660938	151660941	151660940
25	151660943	151660942	151660945	151660944	151660947	151660946	151660949	151660948	151660951	151660950	151660953	151660952	151660955	151660954	151660957	151660956	151660959	151660958	151660961	151660960	151660963	151660962
27	151660965	151660964	151660967	151660966	151660969	151660968	151660971	151660970	151660973	151660972	151660975	151660974	151660977	151660976	151660979	151660978	151660981	151660980	151660983	151660982	151660985	151660984
29	151660987	151660986	151660989	151660988	151660991	151660990	151660993	151660992	151660995	151660994	151660997	151660996	151660999	151660998	151661001	151661000	151661003	151661002	151661005	151661004	151661007	151661006
31	151661009	151661008	151661011	151661010	151661013	151661012	151661015	151661014	151661017	151661016	151661019	151661018	151661021	151661020	151661023	151661022	151661025	151661024	151661027	151661026	151661029	151661028
33	151661031	151661030	151661033	151661032	151661035	151661034	151661037	151661036	151661039	151661038	151661041	151661040	151661043	151661042	151661045	151661044	151661047	151661046	151661049	151661048	151661051	151661050
35	151661053	151661052	151661055	151661054	151661057	151661056	151661059	151661058	151661061	151661060	151661063	151661062	151661065	151661064	151661067	151661066	151661069	151661068	151661071	151661070	151661073	151661072
37	151661075	151661074	151661077	151661076	151661079	151661078	151661081	151661080	151661083	151661082	151661085	151661084	151661087	151661086	151661089	151661088	151661091	151661090	151661093	151661092	151661095	151661094
39	151661097	151661096	151661099	151661098	151661101	151661100	151661103	151661102	151661105	151661104	151661107	151661106	151661109	151661108	151661111	151661110	151661113	151661112	151661115	151661114	151661117	151661116
41	151661119	151661118	151661121	151661120	151661123	151661122	151661125	151661124	151661127	151661126	151661129	151661128	151661131	151661130	151661133	151661132	151661135	151661134	151661137	151661136	151661139	151661138
43	151661141	151661140	151661143	151661142	151661145	151661144	151661147	151661146	151661149	151661148	151661151	151661150	151661153	151661152	151661155	151661154	151661157	151661156	151661159	151661158	151661161	151661160
45	151661163	151661162	151661165	151661164	151661167	151661166	151661169	151661168	151661171	151661170	151661173	151661172	151661175	151661174	151661177	151661176	151661179	151661178	151661181	151661180	151661183	151661182
47	151661185	151661184	151661187	151661186	151661189	151661188	151661191	151661190	151661193	151661192	151661195	151661194	151661197	151661196	151661199	151661198	151661201	151661200	151661203	151661202	151661205	151661204
49	151661207	151661206	151661209	151661208	151661211	151661210	151661213	151661212	151661215	151661214	151661217	151661216	151661219	151661218	151661221	151661220	151661223	151661222	151661225	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

PENDING
APPROVAL

FUNCTIONAL 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 correction 982331083 became 151661083					
	MM		2:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
		mm	INCH							
	4 PLACES		± ----	± ----	STATUS:Production DRWN: DIEGO GOMEZ 2025-05-13 CHK'D: DIEGO GOMEZ 2025-05-19 APPR: DAVID FALLA ANGULAR TOL ± 0.5 °					
	3 PLACES		± ----	± ----						
	2 PLACES		± ----	± ----						
	1 PLACE		± ----	± ----						
	0 PLACES		± ----	± ----	THIRD ANGLE PROJECTION DRAWING C-SIZE SERIES 15166					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

NOTES:

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

mo

lex

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

PRODUCT SALES DRAWING

DOCUMENT NUMBER

SD-15166-001

DOC TYPE

PSD

DOC PART

001

REVISION

F

MATERIAL NUMBER

151660001

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2