

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 | |
| CIRCUITS "N" ↓ | A | D | A | D | A | D | A | D | A | D | A | D | A | D | A | D | A | D | A | D |
| 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 |



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

| | | | | | | | | | | | |
|--|---|------------------------|-------|--|---|---------------|--|--------------------------|--|----------------------|--|
| 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: DRAWING CORRECTION | | | | | | |
| | MM | | NA | | EC NO: 728054 DRWN: DIEGOG7 2022/11/10 CHK'D: JSMITH11 2022/11/14 APPR: JSMITH11 2022/11/14 INITIAL REVISION: DRWN: MSHANNON 2019/03/13 APPR: DENGLISH 2019/09/25 | | | | | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | |
| mm | | INCH | | DOCUMENT NUMBER: SD-15018-001 DOC TYPE: PSD DOC PART: 001 REVISION: C | | | | | | | |
| 4 PLACES ±---- | | ±---- | | PRODUCT CUSTOMER DRAWING | | | | | | | |
| 3 PLACES ±---- | | ±---- | | DOCUMENT NUMBER: SD-15018-001 | | | | | | | |
| 2 PLACES ±---- | | ±---- | | DOC TYPE: PSD | | | | | | | |
| 1 PLACE ±---- | | ±---- | | DOC PART: 001 | | | | | | | |
| 0 PLACES ±---- | | ±---- | | REVISION: C | | | | | | | |
| ANGULAR TOL ± 0.5 ° | | | | MATERIAL NUMBER: SEE CHART | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING: C-SIZE | | SERIES: 15018 | | CUSTOMER: GENERAL MARKET | | SHEET NUMBER: 2 OF 2 | |