

ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A	39014021	MiniFit Jr SR Recpt Hsg 2 CKT V-0	1	PC
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	2	PC
C	--	RESIN BLEND STPRNE	A/R	KG
D	--	MOLD PART INNER CAP	2	PC

FROM	TO	CABLE DESCRIPTION	COLOR
A1	--	2CX16AWG UNSHD BK UL2464	BLACK
A2	--		RED

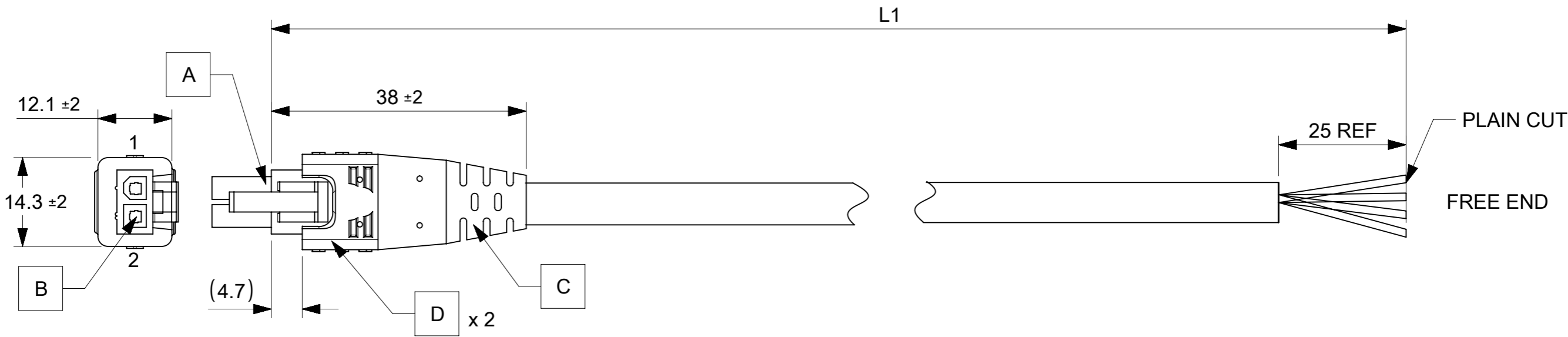


TABLE		
PART NUMBER	TITLE	L1
2171590205	2 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590210	2 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590220	2 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590230	2 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

NOTES:

- MOLDING MATERIAL:
  - INNERCAP: PA66 NYLON RESIN.
  - OVERMOLD: SANTOPRENE TPE RESIN.
- ELECTRICAL PERFORMANCE:
  - VOLTAGE RATING: 300V AC.
  - THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-36586-004.
    - DIELECTRONIC STRENGTH: 500V DC/0.01 SEC.
    - INSULATION RESISTANCE: 20M OHMS
- CONNECTOR VIEWS ARE SHOWN FROM MATING SIDE.
- MECHANICAL PERFORMANCE:
  - CABLE HARNESS SHOULD WITHSTAND AN AXIAL FORCE OF 5KGF FOR ONE MINUTE BETWEEN OVERMOLD AND CONNECTOR WITHOUT PHYSICAL DAMAGE.
  - OVERMOLD SIDE CAN PASS THE BENDING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC:		<b>molex</b>																	
	<table border="1"> <tr> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>mm</td> <td>NTS</td> </tr> </table>	DIMENSION UNITS	SCALE		mm	NTS	<table border="1"> <tr> <td>EC NO: 740245</td> <td>2023/02/24</td> </tr> <tr> <td>DRWN: PRAVES6</td> <td>2023/03/29</td> </tr> <tr> <td>CHK'D: SKUMAR07</td> <td>2023/03/29</td> </tr> <tr> <td>APPR: SKUMAR07</td> <td>2023/03/29</td> </tr> </table>		EC NO: 740245	2023/02/24	DRWN: PRAVES6	2023/03/29	CHK'D: SKUMAR07	2023/03/29	APPR: SKUMAR07	2023/03/29	SEE TABLE				
DIMENSION UNITS	SCALE																				
mm	NTS																				
EC NO: 740245	2023/02/24																				
DRWN: PRAVES6	2023/03/29																				
CHK'D: SKUMAR07	2023/03/29																				
APPR: SKUMAR07	2023/03/29																				
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	INITIAL REVISION:		PRODUCT CUSTOMER DRAWING																	
	<table border="1"> <tr> <td>ANGULAR TOL</td> <td>± °</td> </tr> <tr> <td>4 PLACES</td> <td>±</td> </tr> <tr> <td>3 PLACES</td> <td>±</td> </tr> <tr> <td>2 PLACES</td> <td>±</td> </tr> <tr> <td>1 PLACE</td> <td>±</td> </tr> <tr> <td>0 PLACES</td> <td>±</td> </tr> </table>	ANGULAR TOL	± °	4 PLACES	±	3 PLACES	±	2 PLACES	±	1 PLACE	±	0 PLACES	±	<table border="1"> <tr> <td>DRWN: SBS04</td> <td>2021/05/01</td> </tr> <tr> <td>APPR: MNARAYAN01</td> <td>2021/05/10</td> </tr> </table>	DRWN: SBS04	2021/05/01	APPR: MNARAYAN01	2021/05/10	DOCUMENT NUMBER	DOC TYPE	DOC PART
ANGULAR TOL	± °																				
4 PLACES	±																				
3 PLACES	±																				
2 PLACES	±																				
1 PLACE	±																				
0 PLACES	±																				
DRWN: SBS04	2021/05/01																				
APPR: MNARAYAN01	2021/05/10																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER														
			A3-SIZE	217159	2171590205	GENERAL MARKET	1 OF 1														