

ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A	39014041	MiniFit Jr Rec Hsg SR V-0 4Ckt	1	PC
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	4	PC
C	--	RESIN BLEND STPRNE	A/R	KG
D	--	MOLD PART INNER CAP	2	PC
E	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG

FROM	TO	CABLE DESCRIPTION	COLOR
A1	--	4CX16AWG UNSHD BK UL2464	BLACK
A2	--		RED
A3	--		WHITE
A4	--		GREEN

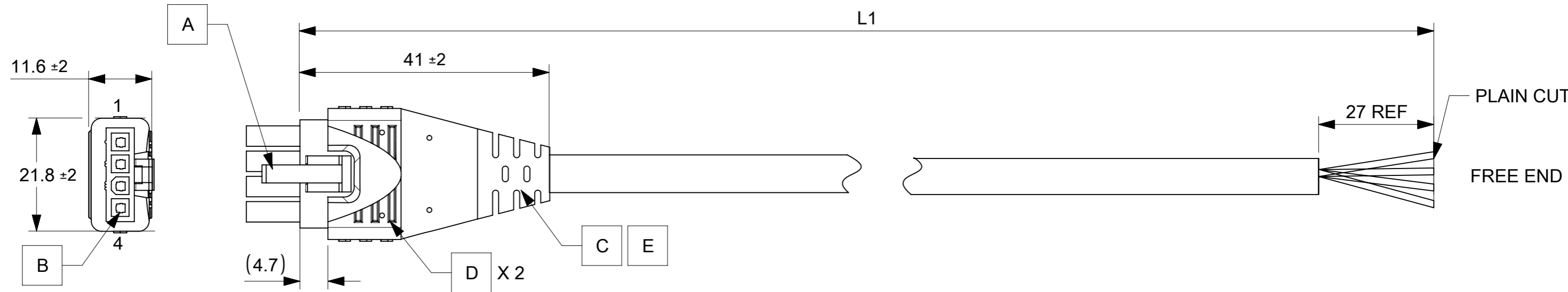


TABLE		
PART NUMBER	TITLE	L1
2171590405	4 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590410	4 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590420	4 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590430	4 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

NOTES:

- MOLDING MATERIAL:
  - INNERCAP: PA66 NYLON RESIN.
  - OVERMOLD: SANTOPRENE TPE RESIN.
  - INNERMOLD: PP NAT UL94V-0
- 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>
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_{E'} = 0$	DIMENSION UNITS: mm SCALE: NTS GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °	EC NO: 740245 DRWN: PRAVES6 CHK'D: SKUMAR07 APPR: SKUMAR07	2023/02/24 2023/03/29 2023/03/29	
DIVISIONAL SYMBOLS	4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING: A3-SIZE SERIES: 217159	INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01 2021/05/01 2021/05/10	DOCUMENT NUMBER: 2171590405 DOC TYPE: PSD DOC PART: 000 REVISION: C	<b>PRODUCT CUSTOMER DRAWING</b> DOCUMENT NUMBER: 2171590405 DOC TYPE: PSD DOC PART: 000 REVISION: C
DOCUMENT STATUS: P1 RELEASE DATE: 2023/03/29 05:14:49		MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET		SHEET NUMBER: 1 OF 1	