

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 TPE NAT SANTOPRENE	A/R	KG
D	--	MOLD PART INNER CAP	2	PC
E	--	MASTER BATCH BLACK COLOR	A/R	KG

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

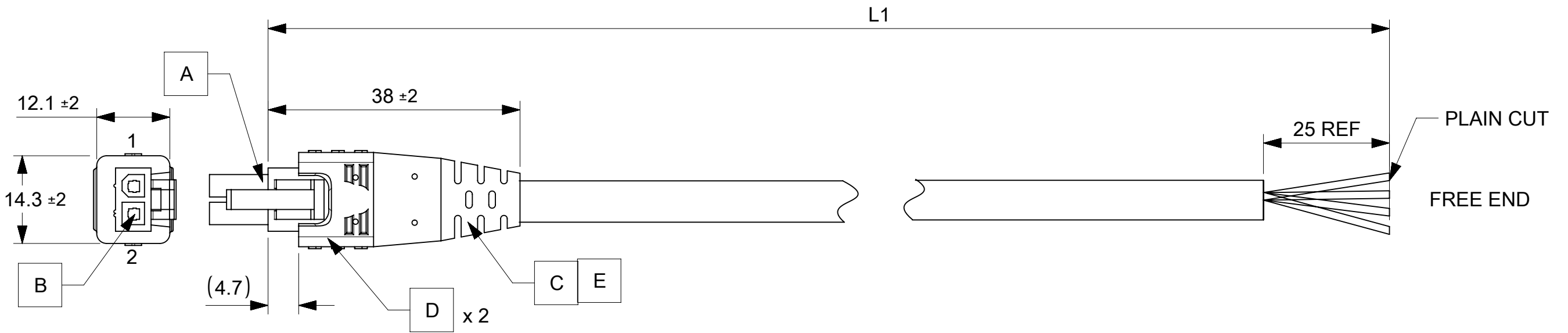


TABLE		
PART NUMBER	TITLE	L1
2171590205	2 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590210	2 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590220	2 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590230	2 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

NOTES:

1. MOLDING MATERIAL:
  - 1.1 INNERCAP: PA66 NYLON RESIN.
  - 1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK
2. ELECTRICAL PERFORMANCE:
  - 2.1 VOLTAGE RATING: 300V AC.
  - 2.2 THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-36586-004.
    - 1) DIELECTRONIC STRENGTH: 500V DC/0.01 SEC.
    - 2) INSULATION RESISTANCE: 20M OHMS
3. CONNECTOR VIEWS ARE SHOWN FROM MATING SIDE.
4. MECHANICAL PERFORMANCE:
  - 4.1 CABLE HARNESS SHOULD WITHSTAND AN AXIAL FORCE OF 5KGF FOR ONE MINUTE BETWEEN OVERMOLD AND CONNECTOR WITHOUT PHYSICAL DAMAGE.
  - 4.2 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>																																																				
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