

ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A	39014051	MiniFit Jr Rcpt SR V-0 5Ckt	1	PC
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	5	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	--	5CX16AWG UNSHD BK UL2464	BLACK
A2	--		RED
A3	--		WHITE
A4	--		GREEN
A5	--		BLUE

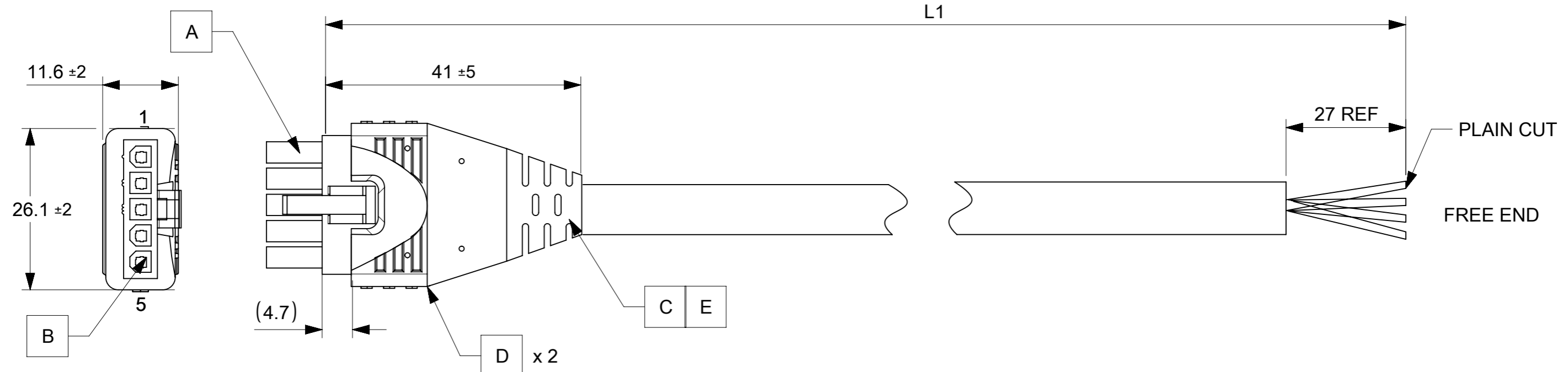


TABLE		
PART NUMBER	TITLE	L1
2171590505	5 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590510	5 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590520	5 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590530	5 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

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:		molex		
	mm	NTS					
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 740245		SEE TABLE		
	ANGULAR TOL ± °		DRWN: PRAVES6				
4 PLACES ±		2023/02/24		PRODUCT CUSTOMER DRAWING			
3 PLACES ±		2023/03/29					
2 PLACES ±		2023/03/29		DOCUMENT NUMBER			
1 PLACE ±		INITIAL REVISION:					2171590505
0 PLACES ±		DRWN: SBS04		PSD 000 C			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: MNARAYAN01					MATERIAL NUMBER
THIRD ANGLE PROJECTION		2021/05/10		CUSTOMER			
DRAWING		2021/05/10					GENERAL MARKET
A3-SIZE		SERIES		SHEET NUMBER			
217159		SEE TABLE					1 OF 1