

10	9	8	7	6	5	4	3	2	1
ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM		FROM	TO	CABLE DESCRIPTION	COLOR
A	39014051	MiniFit Jr Rcpt SR V-0 5Ckt	1	PC		A1	--	5CX16AWG UNSHD BK UL2464	BLACK
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	5	PC		A2	--		RED
C	--	RESIN BLEND STPRNE	A/R	KG		A3	--		WHITE
D	--	MOLD PART INNER CAP	2	PC		A4	--		GREEN
E	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG		A5	--		BLUE

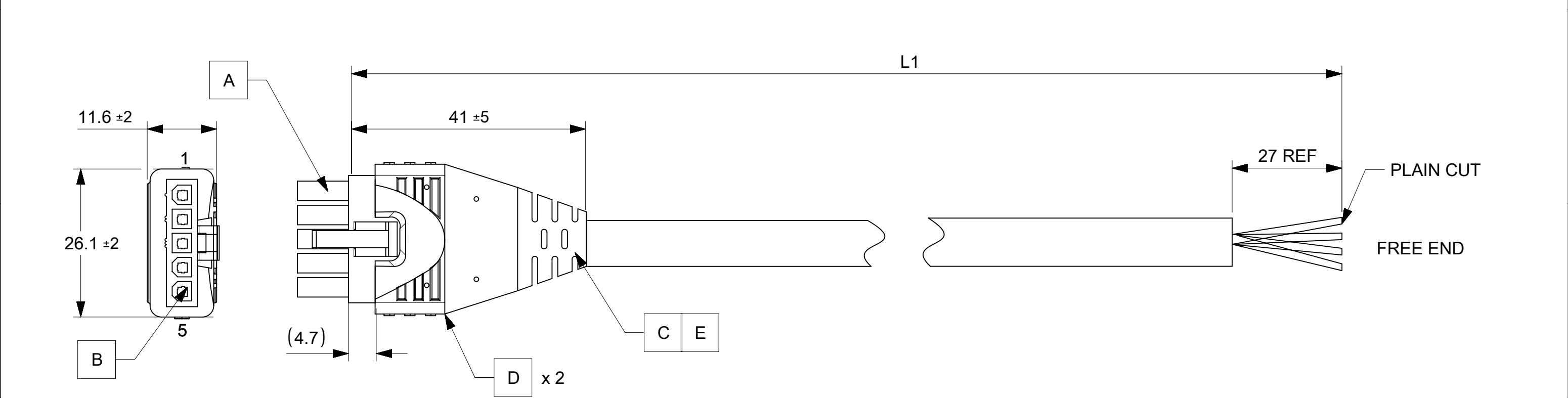


TABLE		
PART NUMBER	TITLE	L1
2171590505	5 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590510	5 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590520	5 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590530	5 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

NOTES:									
1. MOLDING MATERIAL:									
1.1 INNERCAP: PA66 NYLON RESIN.									
1.2 OVERMOLD: SANTOPRENE TPE RESIN.									
1.3 INNERMOLD: PP NAT UL94V-0									
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.									
DOCUMENT STATUS	P1	RELEASE DATE	2023/03/29	05:14:50					

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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			
SCALE		DIMENSION UNITS		SCALE		SEE TABLE			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		4 PLACES		PRODUCT CUSTOMER DRAWING			
DIVISIONAL SYMBOLS		3 PLACES		2 PLACES		DOCUMENT NUMBER			
		1 PLACE		0 PLACES		2171590505			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SERIES			
						A3-SIZE			
						217159			
						MATERIAL NUMBER			
						CUSTOMER			
						SHEET NUMBER			
						1 OF 1			