

10	9	8	7	6	5	4	3	2	1	
ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM			FROM	TO	CABLE DESCRIPTION	COLOR
A	39014061	MiniFit Jr SR Recpt Hsg 6 CKT V-0	1	PC			A1	--	6CX16AWG UNSHD BK UL2464	BLACK
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	6	PC			A2	--		RED
C	--	RESIN TPE NAT SANTOPRENE	A/R	KG			A3	--		WHITE
D	--	MOLD PART INNER CAP	2	PC			A4	--		GREEN
E	--	MASTER BATCH BLACK COLOR	A/R	KG			A5	--		BLUE
F	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG			A6	--		YELLOW

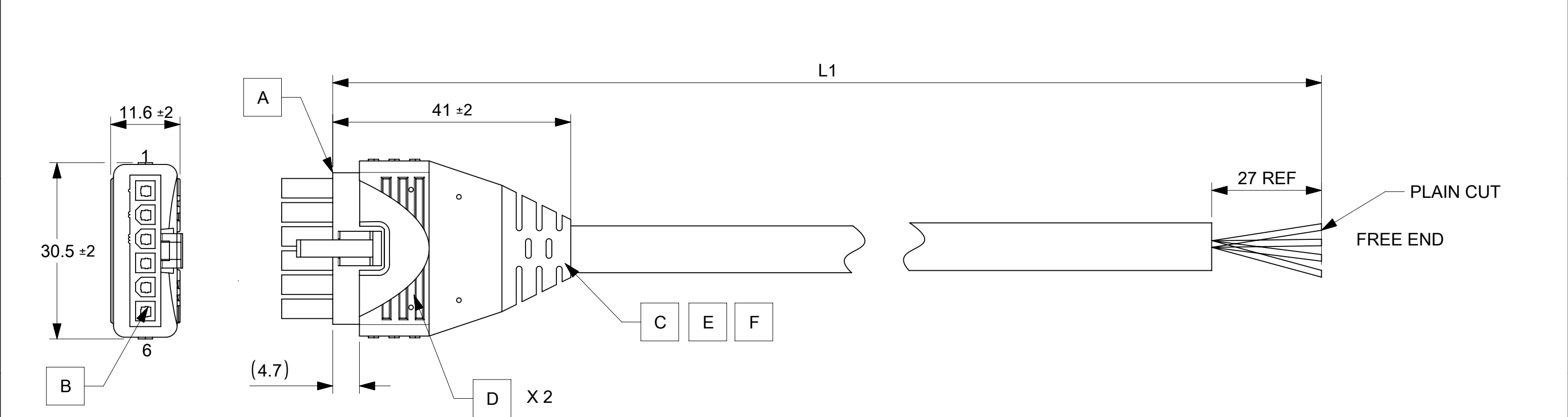


TABLE		
PART NUMBER	TITLE	L1
2171590605	6 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590610	6 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590620	6 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590630	6 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

NOTES:

- MOLDING MATERIAL:
 - 1.1 INNERCAP: PA66 NYLON RESIN.
 - 1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK
 - 1.3 INNERMOLD: PP NAT UL94V-0
- 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
- CONNECTOR VIEWS ARE SHOWN FROM MATING SIDE.
- 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	2021/07/19	15:45:53
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10	9	8	7	6	5	4	3	2	1
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		EC NO: 670688		PRODUCT CUSTOMER DRAWING			
DIVISIONAL SYMBOLS		3 PLACES		DRWN: SBS04		DOCUMENT NUMBER			
		2 PLACES		CHK'D: RDESAI01		2171590605			
		1 PLACE		APPR: RDESAI01		PSD			
		0 PLACES		INITIAL REVISION:		000			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: SBS04		B1			
		THIRD ANGLE PROJECTION		APPR: MNARAYAN01		SHEET NUMBER			
		DRAWING		SERIES		1 OF 1			
		A3-SIZE		217159					
		MATERIAL NUMBER		CUSTOMER					
		GENERAL MARKET							