

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 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												

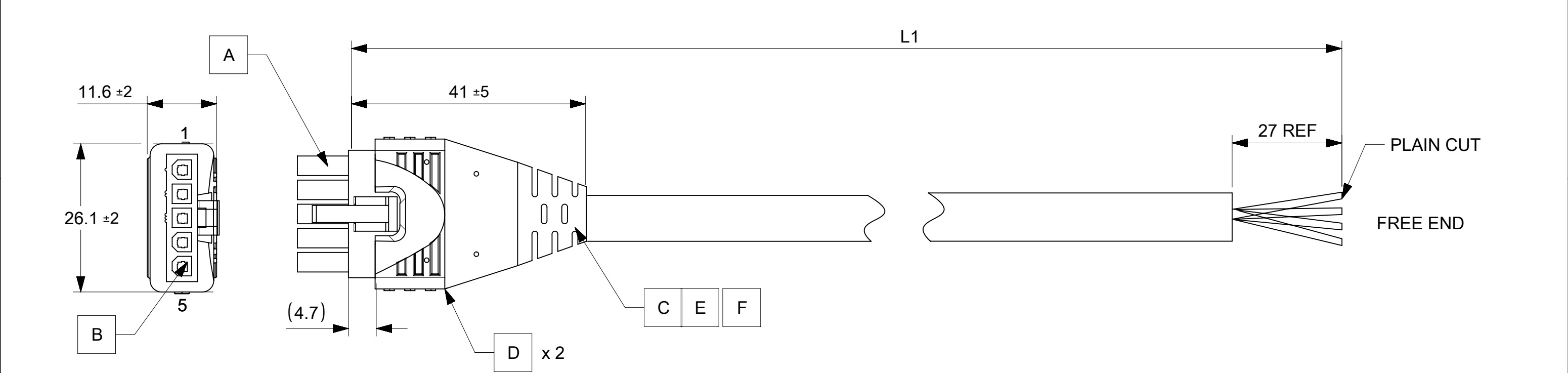


TABLE		
PART NUMBER	TITLE	L1
2171590505	5 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590510	5 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590520	5 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590530	5 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

NOTES:			
1. MOLDING MATERIAL:			
1.1 INNERCAP: PA66 NYLON RESIN.			
1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK			
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	2021/07/19 15:45:53

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							
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	NTS							
ANGULAR TOL	±	°							
4 PLACES	±								
3 PLACES	±								
2 PLACES	±								
1 PLACE	±								
0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
			A3-SIZE	217159	2021/05/10	2171590505	GENERAL MARKET	1 OF 1	