

ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A	39014061	MiniFit Jr SR Recpt Hsg 6 CKT V-0	1	PC
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	6	PC
C	--	RESIN TPE NAT SANTOPRENE	A/R	KG
D	--	MOLD PART INNER CAP	2	PC
E	--	MASTER BATCH BLACK COLOR	A/R	KG
F	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG

FROM	TO	CABLE DESCRIPTION	COLOR
A1	--	6CX16AWG UNSHD BK UL2464	BLACK
A2	--		RED
A3	--		WHITE
A4	--		GREEN
A5	--		BLUE
A6	--		YELLOW

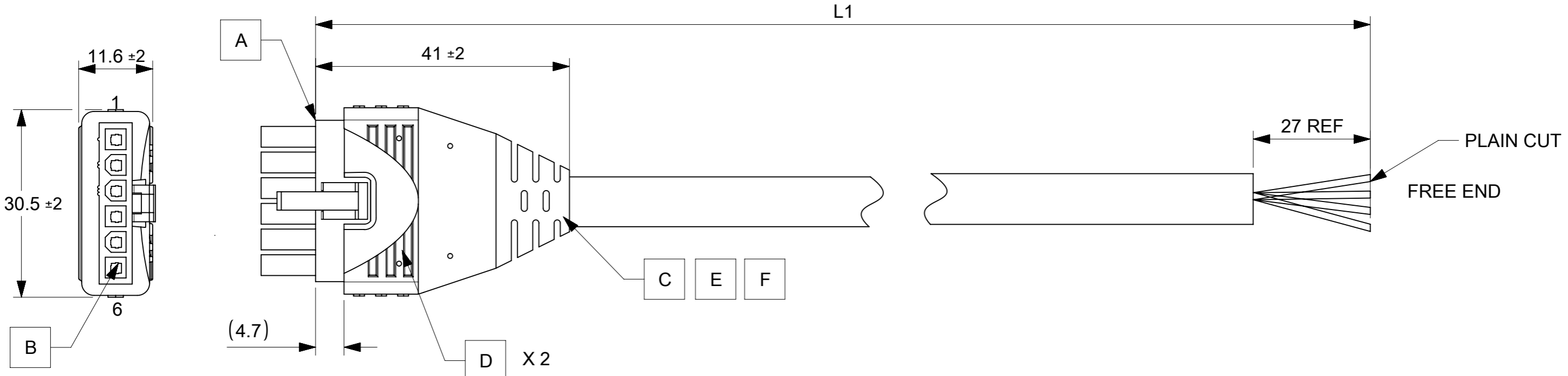


TABLE		
PART NUMBER	TITLE	L1
2171590605	6 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590610	6 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590620	6 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590630	6 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

NOTES:

- MOLDING MATERIAL:
 - INNERCAP: PA66 NYLON RESIN.
 - OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK
 - 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
∇/\bar{A} = 0 ∇/\bar{E} = 0 ∇/\bar{F} = 0	DIMENSION UNITS	SCALE	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01		
DIVISIONAL SYMBOLS	mm	NTS	2021/07/16 2021/07/19 2021/07/19		SEE TABLE
	GENERAL TOLERANCES (UNLESS SPECIFIED)		INITIAL REVISION:		PRODUCT CUSTOMER DRAWING
	ANGULAR TOL ± °		DRWN: SBS04 APPR: MNARAYAN01		DOCUMENT NUMBER
	4 PLACES ±		2021/05/01 2021/05/10		2171590605
	3 PLACES ±				DOC TYPE
	2 PLACES ±				PSD
	1 PLACE ±				DOC PART
	0 PLACES ±				000
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	REVISION
				A3-SIZE	B1
			SERIES	MATERIAL NUMBER	CUSTOMER
			217159	SEE TABLE	GENERAL MARKET
					SHEET NUMBER
					1 OF 1

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