

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

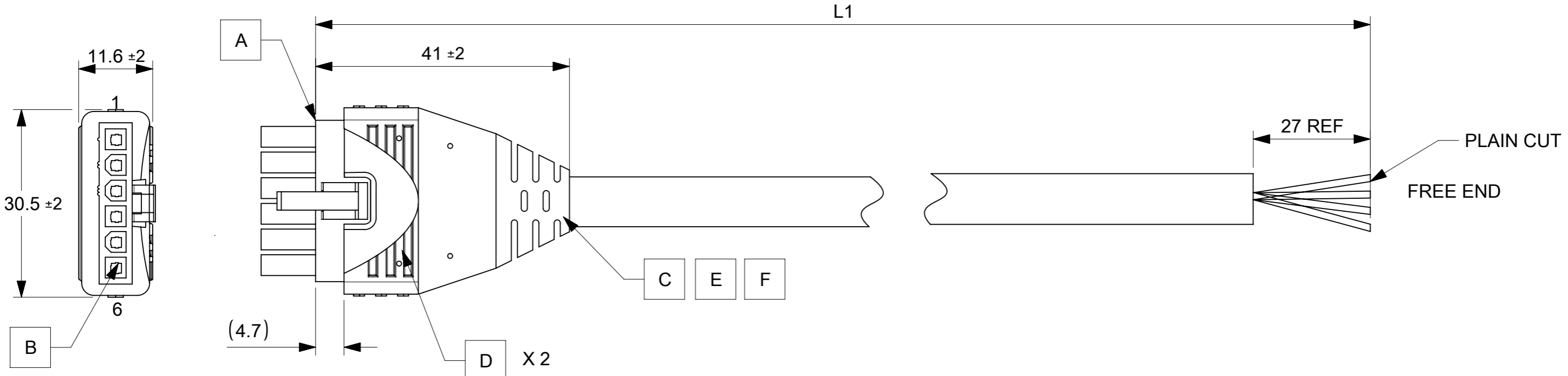


TABLE		
PART NUMBER	TITLE	L1
2171590605	6 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590610	6 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590620	6 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590630	6 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

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:		<b>molex</b>
$\nabla/\bar{A}$ = 0 $\nabla/\bar{E}$ = 0 $\nabla/\bar{F}$ = 0	DIMENSION UNITS	SCALE	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01		
DIVISIONAL SYMBOLS	mm	NTS	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		2021/07/16 2021/07/19 2021/07/19 2021/05/01 2021/05/10
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DOCUMENT NUMBER		DOC TYPE
	ANGULAR TOL ± °		2171590605		PSD
	4 PLACES ±		PRODUCT CUSTOMER DRAWING		DOC PART
	3 PLACES ±		2171590605		REVISION
	2 PLACES ±		MATERIAL NUMBER		000
	1 PLACE ±		CUSTOMER		B1
	0 PLACES ±		SHEET NUMBER		1 OF 1
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
				A3-SIZE	217159

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