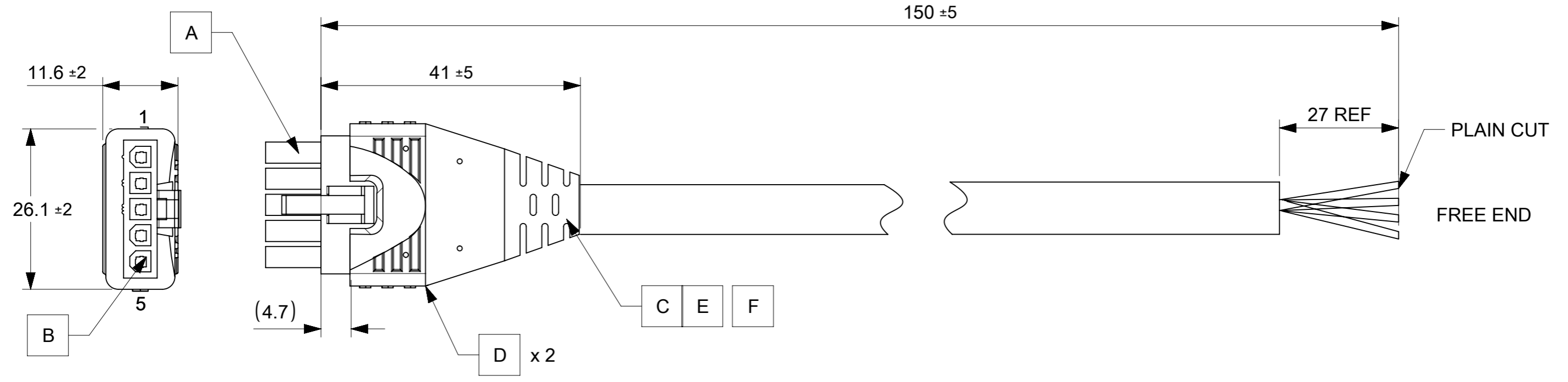


ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A	39014051	MiniFit Jr Rcpt SR V-0 5Ckt	1	PC
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	5	PC
C	--	RESIN TPE NAT SANTOPRENE	A/R	KG
D	--	MOLD PART INNER CAP	2	PC
E	--	MASTER BATCH BLACK COLOR	A/R	KG
F	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG

FROM	TO	CABLE DESCRIPTION	COLOR
A1	--	5CX16AWG UNSHD BK UL2464	BLACK
A2	--		RED
A3	--		WHITE
A4	--		GREEN
A5	--		BLUE



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>	
▽/A = 0	mm	SCALE	NTS	EC NO: 670688			
▽/E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		4 PLACES ±		DRWN: SBS04	2021/07/19	
▽/F = 0	ANGULAR TOL ± °		3 PLACES ±		CHK'D: RDESAI01	2021/07/19	
DIVISIONAL SYMBOLS		2 PLACES ±		APPR: RDESAI01		PRODUCT CUSTOMER DRAWING	
		1 PLACE ±		INITIAL REVISION:		DOCUMENT NUMBER	
		0 PLACES ±		DRWN: AS20		2171590500	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: RDESAI01		DOC TYPE DOC PART REVISION	
		THIRD ANGLE PROJECTION		DRAWING		PSD 000 B1	
		DRAWING		SERIES		SHEET NUMBER	
		A3-SIZE		217159		1 OF 1	
		MATERIAL NUMBER		CUSTOMER			
		2171590500		GENERAL MARKET			

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