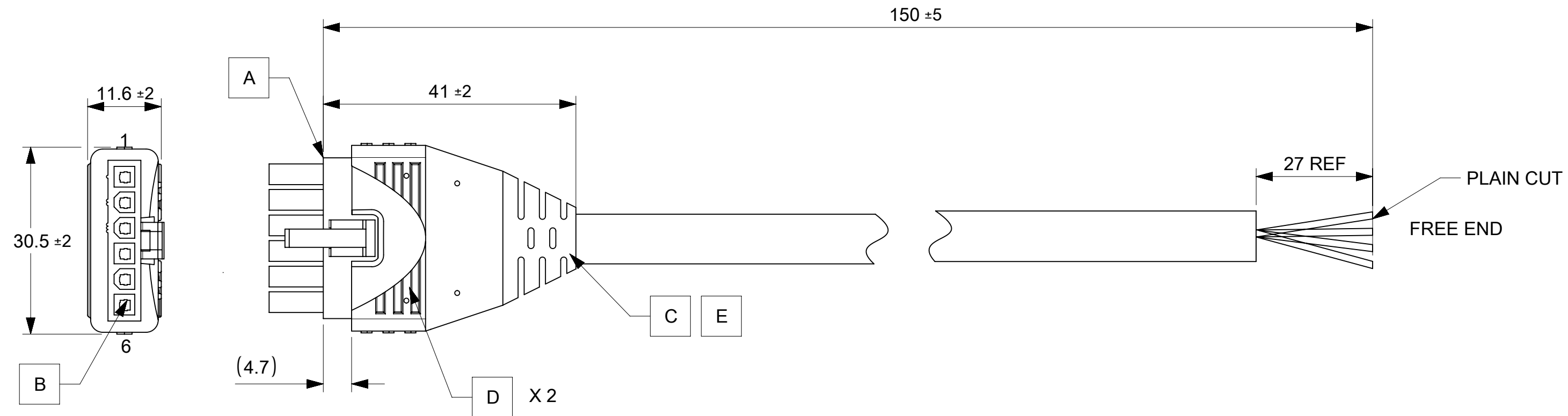


ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A	39014061	MiniFit Jr SR Recpt Hsg 6 CKT V-0	1	PC
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	6	PC
C	--	RESIN BLEND STPRNE	A/R	KG
D	--	MOLD PART INNER CAP	2	PC
E	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG

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



NOTES:

- MOLDING MATERIAL:
  - INNERCAP: PA66 NYLON RESIN.
  - OVERMOLD: SANTOPRENE TPE RESIN.
  - 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	NTS		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 740245		6 CKT OVERMOLD MINIFIT JR PIGTAIL 150MM
	△/E = 0	ANGULAR TOL ± °		DRWN: PRAVES6 2023/02/24	
DIVISIONAL SYMBOLS	△/F = 0	4 PLACES	±	CHK'D: SKUMAR07 2023/03/29	PRODUCT CUSTOMER DRAWING
		3 PLACES	±	APPR: SKUMAR07 2023/03/29	
		2 PLACES	±	INITIAL REVISION:	DOCUMENT NUMBER
		1 PLACE	±	DRWN: AS20 2020/10/06	2171590600
	0 PLACES	±	APPR: RDESAI01 2021/03/22	DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOC PART
			A3-SIZE	217159	REVISION
					PSD 000 C
					MATERIAL NUMBER
					2171590600
					CUSTOMER
					GENERAL MARKET
					SHEET NUMBER
					1 OF 1