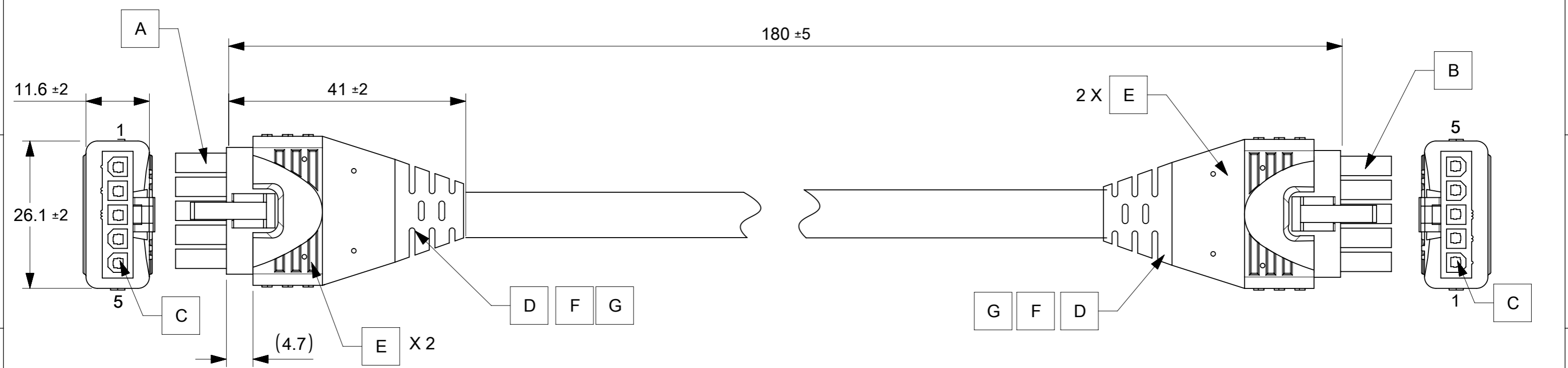


ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A,B	39014051	MiniFit Jr Rcpt SR V-0 5Ckt	2	PC
C	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	10	PC
D	--	RESIN TPE NAT SANTOPRENE	A/R	KG
E	--	MOLD PART INNER CAP	4	PC
F	--	MASTER BATCH BLACK COLOR	A/R	KG
G	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG

FROM	TO	CABLE DESCRIPTION	COLOR
A1	B1	5CX16AWG UNSHD BK UL2464	BLACK
A2	B2		RED
A3	B3		WHITE
A4	B4		GREEN
A5	B5		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:		molex
	DIMENSION UNITS	SCALE			
$\nabla_A = 0$	mm	NTS			5 CKT OVERMOLDED MINIFIT JR CABLE 180MM
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
$\nabla_{E'} = 0$	ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING
DIVISIONAL SYMBOLS	4 PLACES ±		EC NO: 670688		
	3 PLACES ±		DRWN: SBS04		2021/07/16
	2 PLACES ±		CHK'D: RDESAI01		2021/07/19
	1 PLACE ±		APPR: RDESAI01		2021/07/19
	0 PLACES ±		INITIAL REVISION:		DOCUMENT NUMBER
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: AS20		2020/10/06
	THIRD ANGLE PROJECTION		APPR: RDESAI01		2021/03/22
	DRAWING		SERIES		MATERIAL NUMBER
	A3-SIZE		215330		2153300500
	CUSTOMER		GENERAL MARKET		DOC TYPE
					PSD
					DOC PART
					000
					REVISION
					B1
					SHEET NUMBER
					1 OF 1

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