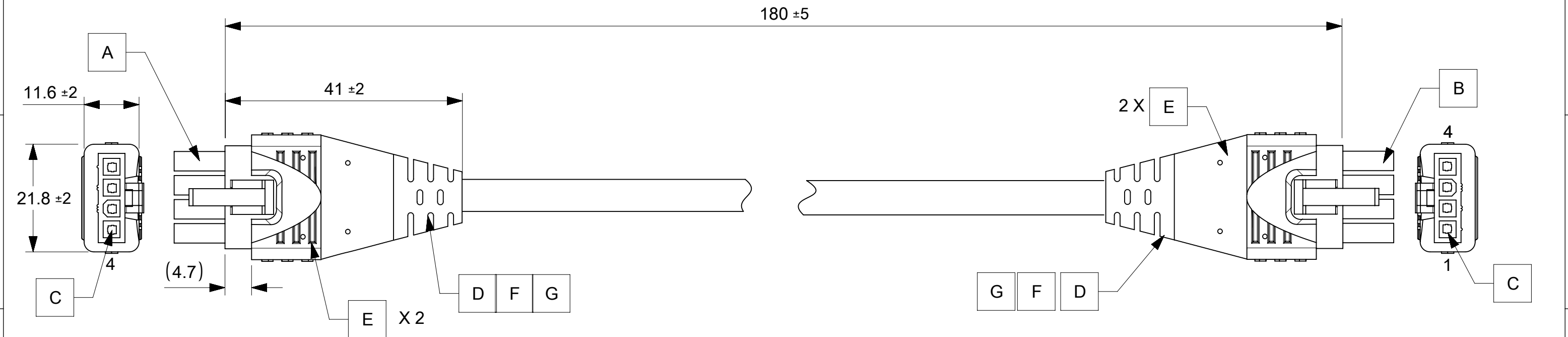


10	9	8	7	6
ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A,B	39014041	MiniFit Jr Rec Hsg SR V-0 4Ckt	2	PC
C	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	8	PC
D	--	RESIN TPE NAT SANTOPRENE	A/R	KG
E	--	MOLD PART INNER CAP	4	PC
F	--	MASTER BATCH BLACK COLOR	A/R	KG
G	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG

4		3	2	1
FROM	TO	CABLE DESCRIPTION		COLOR
A1	B1	4CX16AWG UNSHD BK UL2464		BLACK
A2	B2			RED
A3	B3			WHITE
A4	B4			GREEN



NOTES:

1. MOLDING MATERIAL:
 - 1.1 INNERCAP: PA66 NYLON RESIN.
 - 1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK
 - 1.3 INNERMOLD: PP NAT UL94V-0
2. ELECTRICAL PERFORMANCE:
 - 2.1 VOLTAGE RATING: 300V AC.
 - 2.2 THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-36586-004.
 - 1) DIELECTRIC STRENGTH: 500V DC/0.01 SEC.
 - 2) INSULATION RESISTANCE: 20M OHMS
3. CONNECTOR VIEWS ARE SHOWN FROM MATING SIDE.
4. MECHANICAL PERFORMANCE:
 - 4.1 CABLE HARNESS SHOULD WITHSTAND AN AXIAL FORCE OF 5KGF FOR ONE MINUTE BETWEEN OVERMOLD AND CONNECTOR WITHOUT PHYSICAL DAMAGE.
 - 4.2 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												
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex					
	mm		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 670688 DRWN: SBS04 2021/07/16 CHK'D: RDESAI01 2021/07/19 APPR: RDESAI01 2021/07/19			4 CKT OVERMOLDED MINIFIT JR CABLE 180MM		
	ANGULAR TOL ± °												
	4 PLACES		±										
	3 PLACES		±										
	2 PLACES		±		INITIAL REVISION: DRWN: SBS04 2020/09/25 APPR: RDESAI01 2020/03/22			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	1 PLACE		±					2153300400		PSD	000	B1	
	0 PLACES		±										
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
							A3-SIZE	215330	2153300400	GENERAL MARKET	1 OF 1		

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/19	15:45:47
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