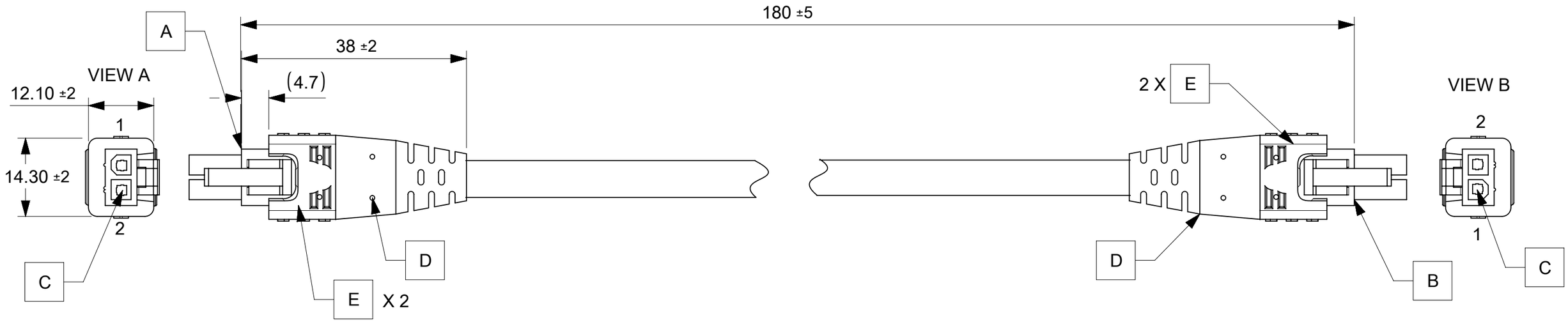
ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A,B	39014021	MiniFit Jr SR Recpt Hsg 2 CKT V-0	2	PC
C	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	4	PC
D	--	RESIN BLEND STPRNE	A/R	KG
E	--	MOLD PART INNER CAP	4	PC

FROM	TO	CABLE DESCRIPTION	COLOR
A1	B1	2CX16AWG UNSHD BK UL2464	BLACK
A2	B2		RED



NOTES:

1. MOLDING MATERIAL:
   1.1 INNERCAP: PA66 NYLON RESIN.
   1.2 OVERMOLD: SANTOPRENE TPE RESIN.
2. ELECTRICAL PERFORMANCE:
   2.1 VOLTAGE RATING: 300V AC.
   2.2 THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-36586-004.
      1) DIELECTRONIC 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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 740245
DRWN: PRAVES6 2023/02/14
CHK'D: SKUMAR07 2023/03/29
APPR: SKUMAR07 2023/03/29

INITIAL REVISION:
DRWN: AS20 2020/10/06
APPR: RDESAI01 2021/03/22

molex

2 CKT OVERMOLDED MINIFIT JR CABLE 180MM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2153300200	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	215330	2153300200	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2023/03/29 05:14:40

FORMAT: master_SD-65-A3
REVISION: J1
DATE: 2020/01/14