ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A,B	436450200	MicroFit 3.0 Receptacle Sgl Row 2Ckt	2	PC
C	430300001	MicroFit 3.0 F Crp Term Chn Tin 20-24	4	PC
D	--	RESIN TPE NAT SANTOPRENE	A/R	KG
E	--	MOLD PART INNER CAP	2	PC
F	--	MLD PRT MATL FLOW RESTRICTOR	4	PC
G	--	MASTER BATCH BLACK COLOR	A/R	KG

FROM	TO	CABLE DESCRIPTION	COLOR
A1	B1	2CX20AWG UNSHD BK UL2464	BLACK
A2	B2		WHITE

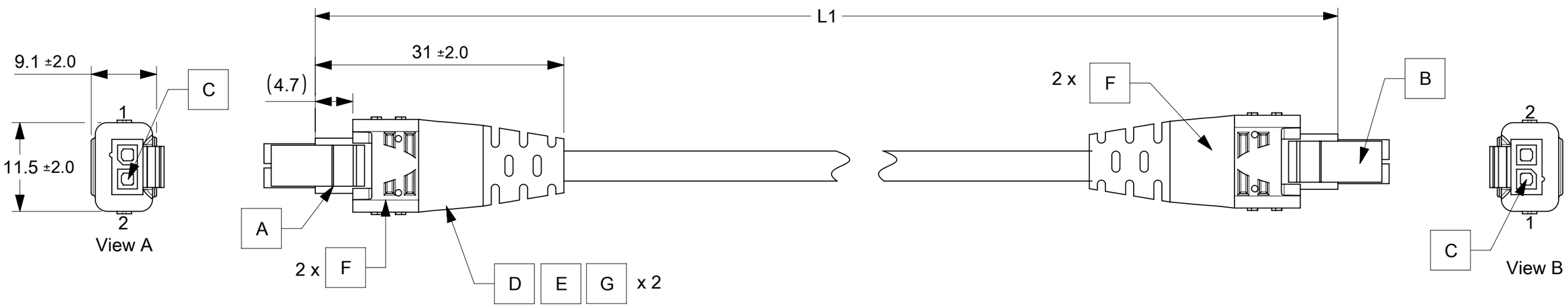

TABLE		
PART NUMBER	TITLE	L1
2147700205	2CKT OVERMOLDED MICROFIT CABLE 500MM	500±10
2147700210	2CKT OVERMOLDED MICROFIT CABLE 1M	1000±20
2147700220	2CKT OVERMOLDED MICROFIT CABLE 2M	2000±25
2147700230	2CKT OVERMOLDED MICROFIT CABLE 3M	3000±30

NOTES:

1. MOLDING MATERIAL:
   1.1 INNERCAP: PA66 NYLON RESIN.
   1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK.
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

SYMBOLS: FA = 0, FC = 0, FB = 0, S = 0, ▼ = 0, C = 0, ☒ = 0, ■ = 0, V = 0

DIMENSION UNITS: mm | SCALE: 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: 662516
DRWN: SBS04 2021/04/30
CHK'D: MNARAYAN01 2021/05/10
APPR: MNARAYAN01 2021/05/10

INITIAL REVISION:
DRWN: SBS04 2021/04/23
APPR: MNARAYAN01 2021/05/10

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 214770

molex

SEE TABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2147700205	PSD	000	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

RELEASE STATUS	P1	RELEASE DATE	2021/05/10 12:49:30

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18