ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A	39014031	3CKT RECEPTACLE HOUSING 555703R2210	1	PC
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	3	PC
C	--	RESIN TPE NAT SANTOPRENE	A/R	KG
D	--	MOLD PART INNER CAP	2	PC
E	--	MASTER BATCH BLACK COLOR	A/R	KG
F	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG

FROM	TO	CABLE DESCRIPTION	COLOR
A1	--	3CX16AWG UNSHD BK UL2464	BLACK
A2	--		RED
A3	--		WHITE

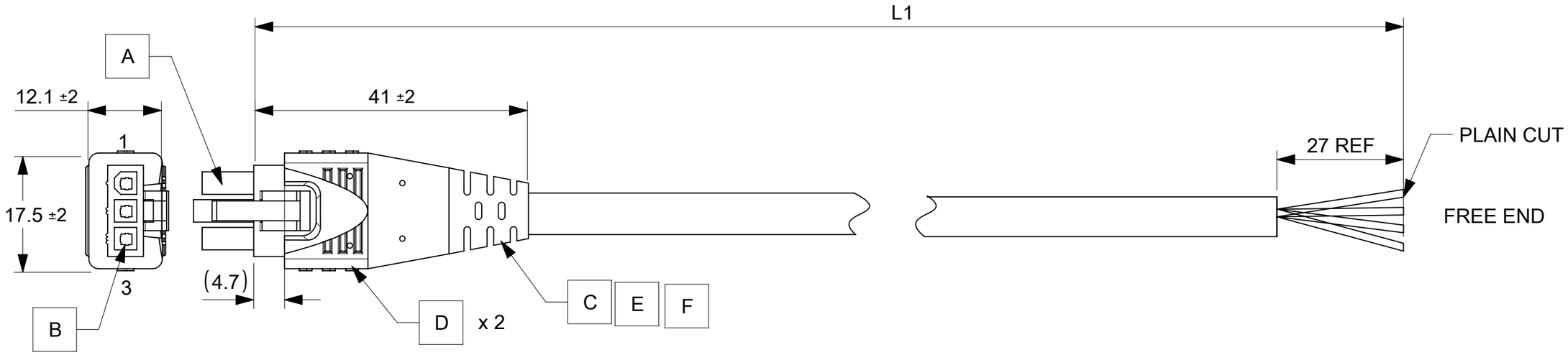

TABLE		
PART NUMBER	TITLE	L1
2171590305	3 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590310	3 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590320	3 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590330	3 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

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) 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, FD = 0
DIVISIONAL SYMBOLS

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: 670688
DRWN: SBS04 2021/07/16
CHK'D: RDESAI01 2021/07/19
APPR: RDESAI01 2021/07/19
INITIAL REVISION:
DRWN: SBS04 2021/05/01
APPR: MNARAYAN01 2021/05/10

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 217159

molex
SEE TABLE
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2171590305	PSD	000	B1

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

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/19 15:45:50

FORMAT: master_Sealed-A3
REVISION: J
DATE: 2020/01/14