

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

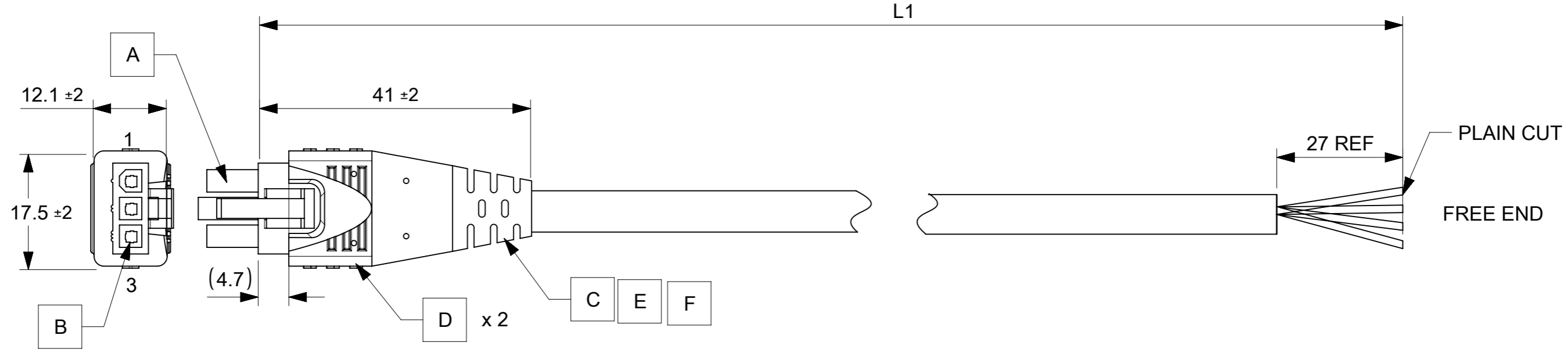


TABLE		
PART NUMBER	TITLE	L1
2171590305	3 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590310	3 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590320	3 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590330	3 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

NOTES:

- 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:		<b>molex</b>			
	mm	NTS						
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 670688		SEE TABLE			
	4 PLACES	±	DRWN: SBS04	2021/07/16				
DIVISIONAL SYMBOLS	3 PLACES	±	CHK'D: RDESAI01	2021/07/19	PRODUCT CUSTOMER DRAWING			
	2 PLACES	±	APPR: RDESAI01	2021/07/19				
	1 PLACE	±	INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
	0 PLACES	±	DRWN: SBS04	2021/05/01	2171590305	PSD	000	B1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
			A3-SIZE	217159	SEE TABLE	GENERAL MARKET	1 OF 1	

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