

10	9	8	7	6	5	4	3	2	1
ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM					
A	39014041	MiniFit Jr Rec Hsg SR V-0 4Ckt	1	PC					
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	4	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	--	4CX16AWG UNSHD BK UL2464	BLACK
A2	--		RED
A3	--		WHITE
A4	--		GREEN

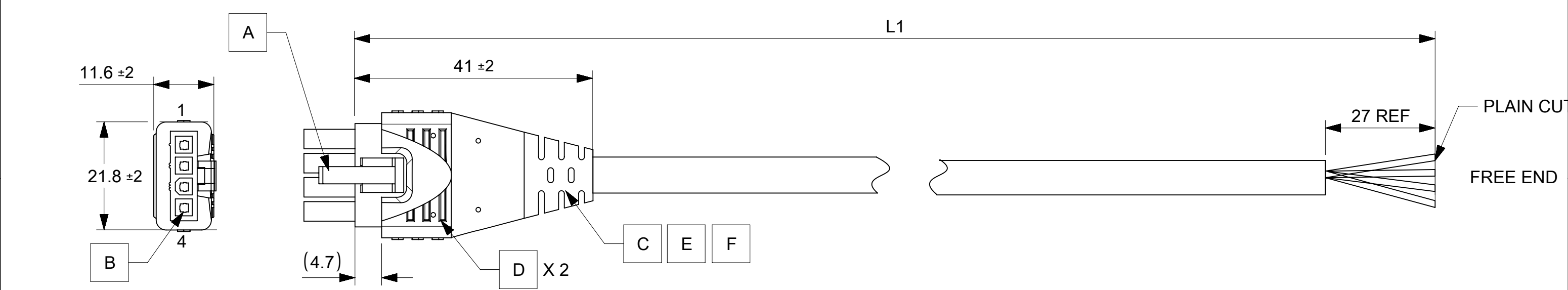


TABLE		
PART NUMBER	TITLE	L1
2171590405	4 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590410	4 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590420	4 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590430	4 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

- NOTES:
- MOLDING MATERIAL:
 - 1.1 INNERCAP: PA66 NYLON RESIN.
 - 1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK
 - 1.3 INNERMOLD: PP NAT UL94V-0
 - 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
 - CONNECTOR VIEWS ARE SHOWN FROM MATING SIDE.
 - 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.

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/19	15:45:51
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
$\nabla_A = 0$	DIMENSION UNITS: mm SCALE: NTS
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)
$\nabla_F = 0$	ANGULAR TOL: ± °
DIVISIONAL SYMBOLS	4 PLACES: ±
	3 PLACES: ±
	2 PLACES: ±
	1 PLACE: ±
	0 PLACES: ±
	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

EC NO: 670688	2021/07/16
DRWN: SBS04	2021/07/19
CHK'D: RDESAI01	2021/07/19
APPR: RDESAI01	2021/07/19
INITIAL REVISION:	
DRWN: SBS04	2021/05/01
APPR: MNARAYAN01	2021/05/10

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2171590405	PSD	000	B1

2171590405	PSD	000	B1
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