

ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A	39014051	MiniFit Jr Rcpt SR V-0 5Ckt	1	PC
B	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	5	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	--	5CX16AWG UNSHD BK UL2464	BLACK
A2	--		RED
A3	--		WHITE
A4	--		GREEN
A5	--		BLUE

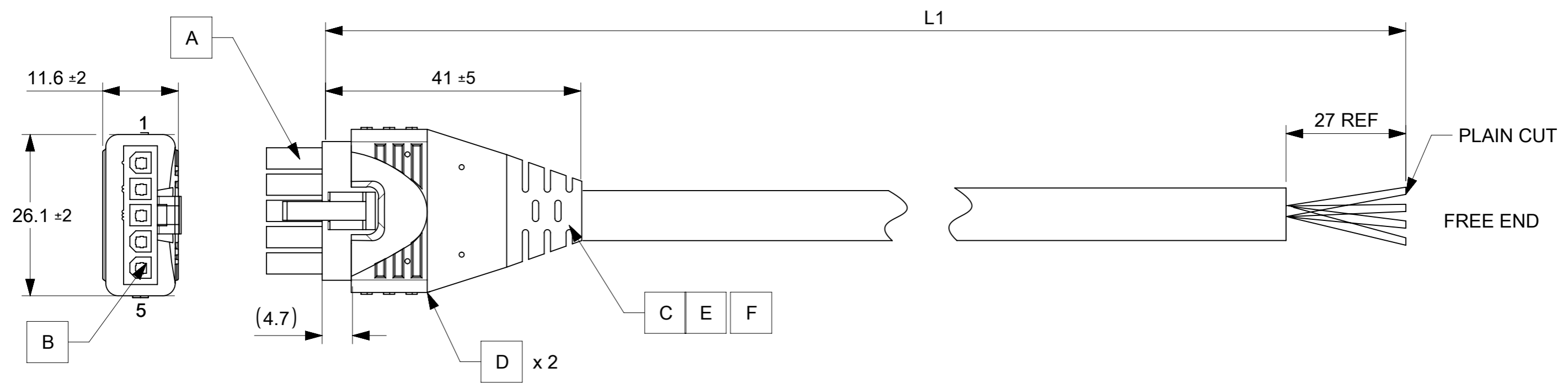


TABLE		
PART NUMBER	TITLE	L1
2171590505	5 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM	500±10
2171590510	5 CKT OVERMOLD MINIFIT JR PIGTAIL 1M	1000±20
2171590520	5 CKT OVERMOLD MINIFIT JR PIGTAIL 2M	2000±25
2171590530	5 CKT OVERMOLD MINIFIT JR PIGTAIL 3M	3000±30

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:		molex																										
	<table border="1"> <tr> <th>FUNCTIONAL SYMBOLS</th> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>$\nabla_A = 0$</td> <td>mm</td> <td>NTS</td> </tr> <tr> <td>$\nabla_E = 0$</td> <td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> </tr> <tr> <td>$\nabla_{E'} = 0$</td> <td colspan="2">ANGULAR TOL ± °</td> </tr> <tr> <td></td> <td>4 PLACES</td> <td>±</td> </tr> <tr> <td>DIVISIONAL SYMBOLS</td> <td>3 PLACES</td> <td>±</td> </tr> <tr> <td></td> <td>2 PLACES</td> <td>±</td> </tr> <tr> <td></td> <td>1 PLACE</td> <td>±</td> </tr> <tr> <td></td> <td>0 PLACES</td> <td>±</td> </tr> </table>	FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE	$\nabla_A = 0$	mm	NTS	$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		$\nabla_{E'} = 0$	ANGULAR TOL ± °			4 PLACES	±	DIVISIONAL SYMBOLS	3 PLACES	±		2 PLACES	±		1 PLACE	±		0 PLACES	±	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01
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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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