

ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A,B	39014051	MiniFit Jr Rcpt SR V-0 5Ckt	2	PC
C	39000077	MiniFit Term Crp Fem Chn Bs Tin 16awg	10	PC
D	--	RESIN TPE NAT SANTOPRENE	A/R	KG
E	--	MOLD PART INNER CAP	4	PC
F	--	MASTER BATCH BLACK COLOR	A/R	KG
G	--	RESIN PP RTP 151 A NAT UL94V-0 HF	A/R	KG

FROM	TO	CABLE DESCRIPTION	COLOR
A1	B1	5CX16AWG UNSHD BK UL2464	BLACK
A2	B2		RED
A3	B3		WHITE
A4	B4		GREEN
A5	B5		BLUE

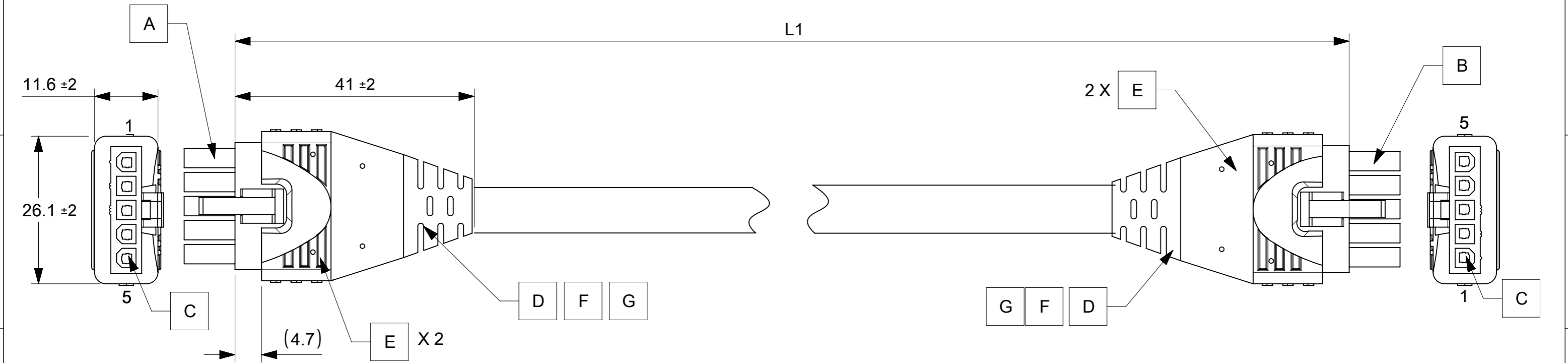


TABLE		
PART NUMBER	TITLE	L1
2153300505	5 CKT OVERMOLDED MINIFIT JR CABLE 500MM	500±10
2153300510	5 CKT OVERMOLDED MINIFIT JR CABLE 1M	1000±20
2153300520	5 CKT OVERMOLDED MINIFIT JR CABLE 2M	2000±25
2153300530	5 CKT OVERMOLDED MINIFIT JR CABLE 3M	3000±30

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>		
$\nabla/\bar{A}$ = 0 $\nabla/\bar{E}$ = 0 $\nabla/\bar{F}$ = 0	DIMENSION UNITS	SCALE	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01			SEE TABLE	
DIVISIONAL SYMBOLS	mm	NTS	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2153300505 DOC TYPE: PSD DOC PART: 000 REVISION: B1		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2153300505 DOC TYPE: PSD DOC PART: 000 REVISION: B1		
	ANGULAR TOL	±	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2153300505 DOC TYPE: PSD DOC PART: 000 REVISION: B1		
	4 PLACES	±	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2153300505 DOC TYPE: PSD DOC PART: 000 REVISION: B1		
	3 PLACES	±	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2153300505 DOC TYPE: PSD DOC PART: 000 REVISION: B1		
	2 PLACES	±	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2153300505 DOC TYPE: PSD DOC PART: 000 REVISION: B1		
	1 PLACE	±	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2153300505 DOC TYPE: PSD DOC PART: 000 REVISION: B1		
	0 PLACES	±	EC NO: 670688 DRWN: SBS04 CHK'D: RDESAI01 APPR: RDESAI01 INITIAL REVISION: DRWN: SBS04 APPR: MNARAYAN01		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2153300505 DOC TYPE: PSD DOC PART: 000 REVISION: B1		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	215330	SEE TABLE	GENERAL MARKET	1 OF 1

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