

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 BLEND STPRNE	A/R	KG
E	--	MOLD PART INNER CAP	4	PC
F	--	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

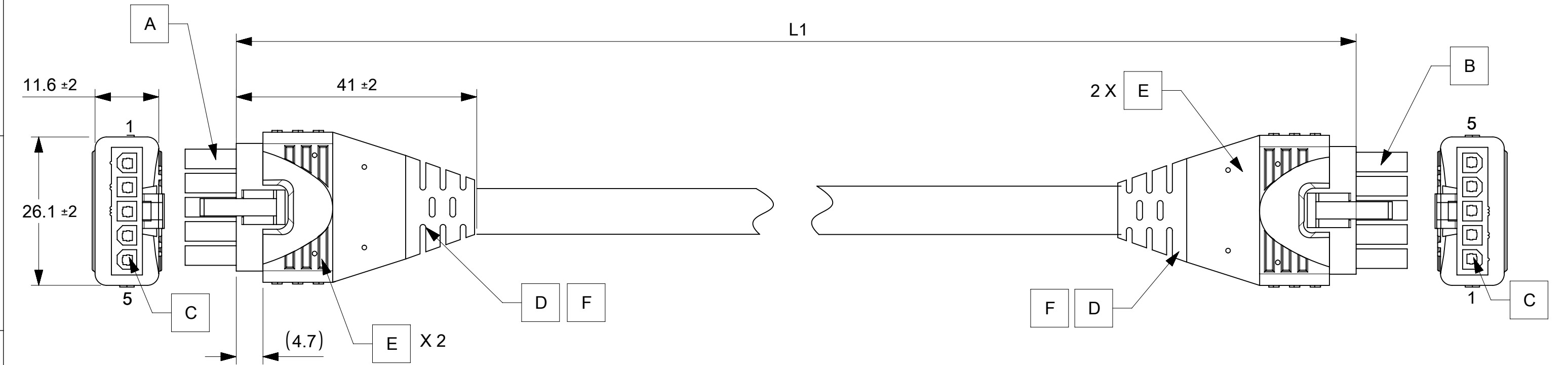


TABLE		
PART NUMBER	TITLE	L1
2153300505	5 CKT OVERMOLDED MINIFIT JR CABLE 500MM	500±10
2153300510	5 CKT OVERMOLDED MINIFIT JR CABLE 1M	1000±20
2153300520	5 CKT OVERMOLDED MINIFIT JR CABLE 2M	2000±25
2153300530	5 CKT OVERMOLDED MINIFIT JR CABLE 3M	3000±30

NOTES:

- MOLDING MATERIAL:
 - INNERCAP: PA66 NYLON RESIN.
 - OVERMOLD: SANTOPRENE TPE RESIN.
 - 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>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>mm</td> <td>NTS</td> </tr> </table>	DIMENSION UNITS	SCALE		mm	NTS	<table border="1"> <tr> <td>EC NO: 740245</td> <td>2023/02/24</td> </tr> <tr> <td>DRWN: PRAVES6</td> <td>2023/03/29</td> </tr> <tr> <td>CHK'D: SKUMAR07</td> <td>2023/03/29</td> </tr> <tr> <td>APPR: SKUMAR07</td> <td>2023/03/29</td> </tr> </table>		EC NO: 740245	2023/02/24	DRWN: PRAVES6	2023/03/29	CHK'D: SKUMAR07	2023/03/29	APPR: SKUMAR07	2023/03/29	SEE TABLE							
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