

10		9		8		7		6		5		4		3		2		1	
ITEM	MOLEX P/N	DESCRIPTION				QTY	UOM						FROM	TO	CABLE DESCRIPTION			COLOR	
A,B	436450500	MicroFit 3.0 Receptacle Sgl Row 5Ckt				2	PC						A1	B1	5CX20AWG UNSHD BK UL2464			BLACK	
C	430300001	MicroFit 3.0 F Crp Term Chn Tin 20-24				10	PC						A2	B2				WHITE	
D	--	RESIN TPE NAT SANTOPRENE				A/R	KG						A3	B3				RED	
E	--	MOLD PART INNER CAP				4	PC						A4	B4				BLUE	
F	--	MASTER BATCH BLACK COLOR				A/R	KG						A5	B5				GREEN	

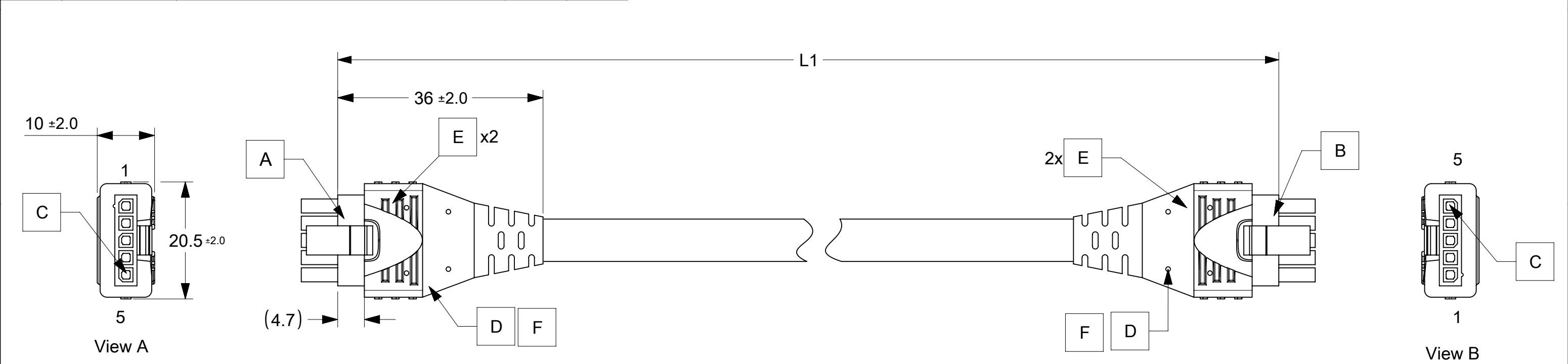


TABLE		
PART NUMBER	DESCRIPTION	L1
2147700505	5CKT OVERMOLDED MICROFIT CABLE 500MM	500±10
2147700510	5CKT OVERMOLDED MICROFIT CABLE 1M	1000±20
2147700520	5CKT OVERMOLDED MICROFIT CABLE 2M	2000±25
2147700530	5CKT OVERMOLDED MICROFIT CABLE 3M	3000±30

NOTES:

- MOLDING MATERIAL:
 - 1.1 INNERCAP: PA66 NYLON RESIN.
 - 1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK.
- 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	2021/05/10	12:49:35
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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														
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)							SEE TABLE							
	ANGULAR TOL ± °														
	4 PLACES		±									PRODUCT CUSTOMER DRAWING			
3 PLACES		±													
2 PLACES		±													
DIVISIONAL SYMBOLS	1 PLACE		±		EC NO: 662516			2021/04/30							
	0 PLACES		±									2021/05/10			
	DRWN: SBS04				2021/05/10										
	CHK'D: MNARAYAN01				2021/05/10										
	APPR: MNARAYAN01				2021/05/10										
INITIAL REVISION:				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
DRWN: SBS04															
APPR: MNARAYAN01				2021/04/23				2147700505		PSD		000		B	
2021/05/10															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		214770		SEE TABLE		GENERAL MARKET		1 OF 1	