

9		8		7		6		5		4		3		2		1	
ITEM	MOLEX P/N	DESCRIPTION				QTY	UOM						FROM	TO	CABLE DESCRIPTION		COLOR
A,B	436450200	MicroFit 3.0 Receptacle Sgl Row 2Ckt				2	PC						A1	B1	2CX20AWG UNSHD BK UL2464		BLACK
C	430300001	MicroFit 3.0 F Crp Term Chn Tin 20-24				4	PC						A2	B2			WHITE
D	--	RESIN TPE NAT SANTOPRENE				A/R	KG										
E	--	MOLD PART INNER CAP				2	PC										
F	--	MLD PRT MATL FLOW RESTRICTOR				4	PC										
G	--	MASTER BATCH BLACK COLOR				A/R	KG										

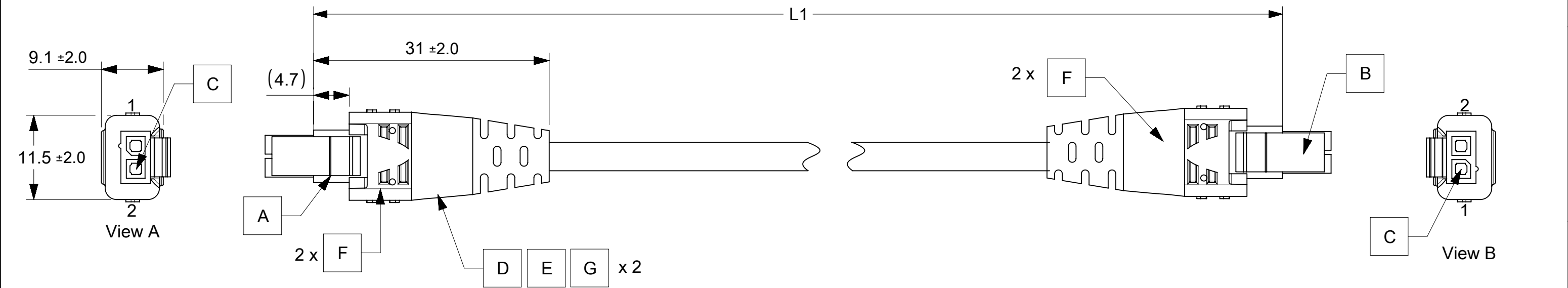


TABLE		
PART NUMBER	TITLE	L1
2147700205	2CKT OVERMOLDED MICROFIT CABLE 500MM	500±10
2147700210	2CKT OVERMOLDED MICROFIT CABLE 1M	1000±20
2147700220	2CKT OVERMOLDED MICROFIT CABLE 2M	2000±25
2147700230	2CKT OVERMOLDED MICROFIT CABLE 3M	3000±30

NOTES:

- MOLDING MATERIAL:
 - INNERCAP: PA66 NYLON RESIN.
 - OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK.
- 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.

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 662516 DRWN: SBS04 2021/04/30 CHK'D: MNARAYAN01 2021/05/10 APPR: MNARAYAN01 2021/05/10 INITIAL REVISION: DRWN: SBS04 2021/04/23 APPR: MNARAYAN01 2021/05/10			molex SEE TABLE									
	mm		NTS									PRODUCT CUSTOMER DRAWING					
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL		± °					DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION			
	4 PLACES		±					2147700205				PSD	000	C			
	3 PLACES		±					MATERIAL NUMBER				CUSTOMER		SHEET NUMBER			
	2 PLACES		±														
	1 PLACE		±														
	0 PLACES		±					THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE TABLE	GENERAL MARKET		1 OF 1
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									A3-SIZE		214770					

RELEASE STATUS	P1	RELEASE DATE	2021/05/10	12:49:30
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