

ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A,B	436450200	MicroFit 3.0 Receptacle Sgl Row 2Ckt	2	PC
C	430300001	MicroFit 3.0 F Crp Term Chn Tin 20-24	4	PC
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

FROM	TO	CABLE DESCRIPTION	COLOR
A1	B1	2CX20AWG UNSHD BK UL2464	BLACK
A2	B2		WHITE

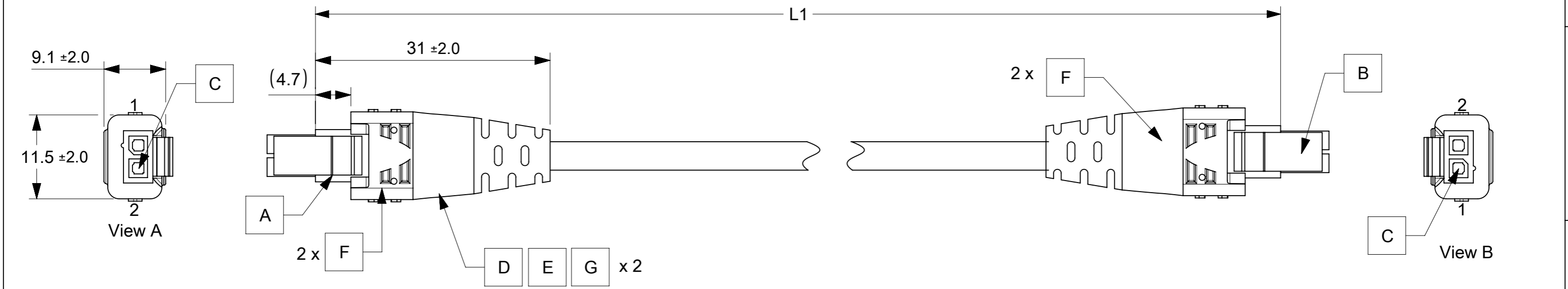


TABLE		
PART NUMBER	TITLE	L1
2147700205	2CKT OVERMOLDED MICROFIT CABLE 500MM	500±10
2147700210	2CKT OVERMOLDED MICROFIT CABLE 1M	1000±20
2147700220	2CKT OVERMOLDED MICROFIT CABLE 2M	2000±25
2147700230	2CKT OVERMOLDED MICROFIT CABLE 3M	3000±30

NOTES:

1. MOLDING MATERIAL:
 - 1.1 INNERCAP: PA66 NYLON RESIN.
 - 1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK.
2. 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
3. CONNECTOR VIEWS ARE SHOWN FROM MATING SIDE.
4. 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.

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	
	mm	NTS				SEE TABLE
	GENERAL TOLERANCES (UNLESS SPECIFIED)					
	ANGULAR TOL ± °					
▽ = 0	4 PLACES ±	EC NO: 662516			PRODUCT CUSTOMER DRAWING	
▽ = 0	3 PLACES ±	DRWN: SBS04	2021/04/30			
▽ = 0	2 PLACES ±	CHK'D: MNARAYAN01	2021/05/10			
▽ = 0	1 PLACE ±	APPR: MNARAYAN01	2021/05/10		DOCUMENT NUMBER 2147700205	
▽ = 0	0 PLACES ±	INITIAL REVISION:		DOC TYPE PSD		
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: SBS04	2021/04/23	DOC PART 000	
□ = 0	THIRD ANGLE PROJECTION		APPR: MNARAYAN01	2021/05/10	REVISION C	
□ = 0	DRAWING		SERIES	MATERIAL NUMBER	CUSTOMER	
		A3-SIZE	214770	SEE TABLE	GENERAL MARKET	
				SHEET NUMBER		
				1 OF 1		