

10		9		8		7	
ITEM	MOLEX P/N	DESCRIPTION				QTY	UOM
A,B	436450300	MicroFit 3.0 Receptacle Sgl Row 3Ckt				2	PC
C	430300001	MicroFit 3.0 F Crp Term Chn Tin 20-24				6	PC
D	--	RESIN TPE NAT SANTOPRENE				A/R	KG
E	--	MOLD PART INNER CAP				4	PC
F	--	MASTER BATCH BLACK COLOR				A/R	KG

		3	2	1
FROM	TO	CABLE DESCRIPTION		COLOR
A1	B1	3CX20AWG UNSHD BK UL2464		BLUE
A2	B2			RED
A3	B3			WHITE

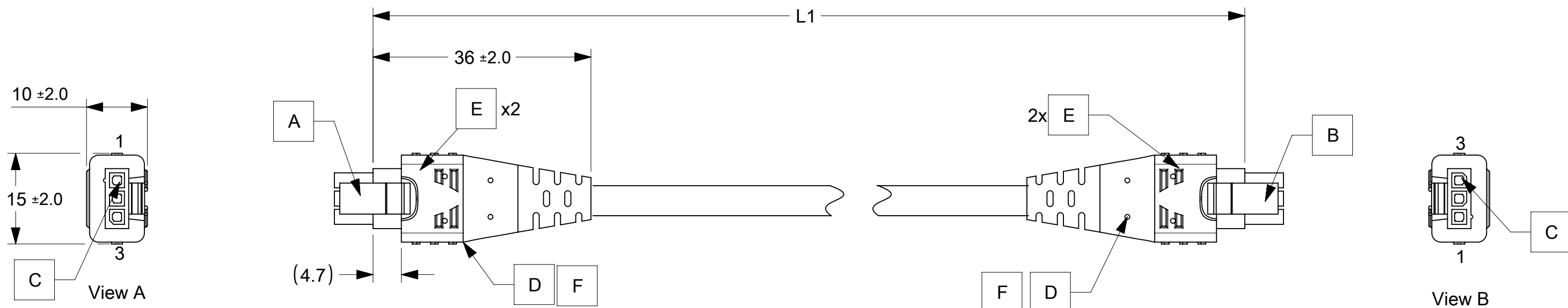


TABLE		
PART NUMBER	TITLE	L1
2147700305	3CKT OVERMOLDED MICROFIT CABLE 500MM	500±10
2147700310	3CKT OVERMOLDED MICROFIT CABLE 1M	1000±20
2147700320	3CKT OVERMOLDED MICROFIT CABLE 2M	2000±25
2147700330	3CKT OVERMOLDED MICROFIT CABLE 3M	3000±30

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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
FUNCTIONAL SYMBOLS F = 0 F = 0 F = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex								
	mm		NTS														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 662516 DRWN: SBS042021/04/30 CHK'D: MNARAYAN012021/05/10 APPR: MNARAYAN012021/05/10 INITIAL REVISION: DRWN: SBS042021/04/23 APPR: MNARAYAN012021/05/10												
	ANGULAR TOL ± °																
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		±														
1 PLACE		±		PRODUCT CUSTOMER DRAWING													
0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		214770		2147700305		PSD		000		B	
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE TABLE		GENERAL MARKET		1 OF 1			

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/10	12:49:31
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