

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

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

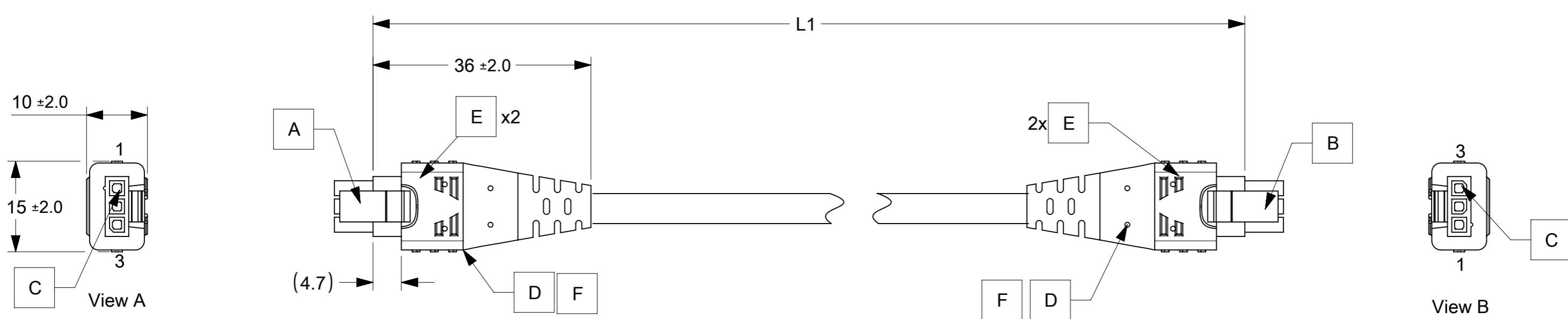


TABLE		
PART NUMBER	TITLE	L1
2147700305	3CKT OVERMOLDED MICROFIT CABLE 500MM	500±10
2147700310	3CKT OVERMOLDED MICROFIT CABLE 1M	1000±20
2147700320	3CKT OVERMOLDED MICROFIT CABLE 2M	2000±25
2147700330	3CKT OVERMOLDED MICROFIT CABLE 3M	3000±30

NOTES:

- 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.

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
SCALE	mm	NTS			
GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± °		EC NO: 662516		PRODUCT CUSTOMER DRAWING
4 PLACES ±			DRWN: SBS04 2021/04/30		
3 PLACES ±			CHK'D: MNARAYAN01 2021/05/10		DOCUMENT NUMBER
2 PLACES ±			APPR: MNARAYAN01 2021/05/10		
1 PLACE ±			INITIAL REVISION:		2147700305
0 PLACES ±			DRWN: SBS04 2021/04/23		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		A3-SIZE	214770	SEE TABLE	GENERAL MARKET
					DOC TYPE DOC PART REVISION
					PSD 000 B
					SHEET NUMBER
					1 OF 1

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