

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

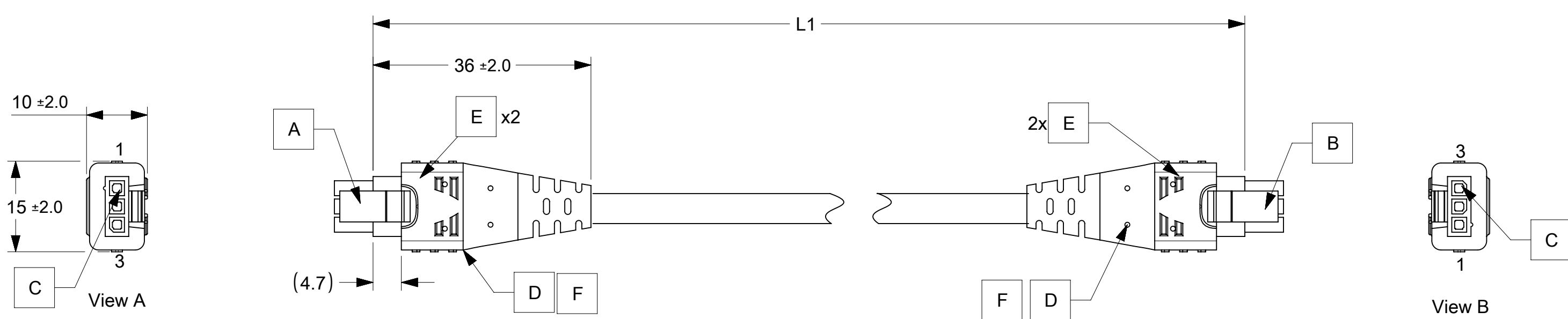


TABLE		
PART NUMBER	TITLE	L1
2147700305	3CKT OVERMOLDED MICROFIT CABLE 500MM	500±10
2147700310	3CKT OVERMOLDED MICROFIT CABLE 1M	1000±20
2147700320	3CKT OVERMOLDED MICROFIT CABLE 2M	2000±25
2147700330	3CKT OVERMOLDED MICROFIT CABLE 3M	3000±30

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:		<b>molex</b>			
	△/A = 0	mm	NTS					
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 662516		SEE TABLE			
	△/E = 0	ANGULAR TOL ± °		DRWN: SBS04 2021/04/30				
FUNCTIONAL SYMBOLS	4 PLACES ±	INITIAL REVISION:		PRODUCT CUSTOMER DRAWING				
	3 PLACES ±	DRWN: SBS04 2021/04/23		DOCUMENT NUMBER				
	2 PLACES ±	APPR: MNRAYAN01 2021/05/10		2147700305				
	1 PLACE ±	APPR: MNRAYAN01 2021/05/10		DOC TYPE DOC PART REVISION				
0 PLACES ±	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

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