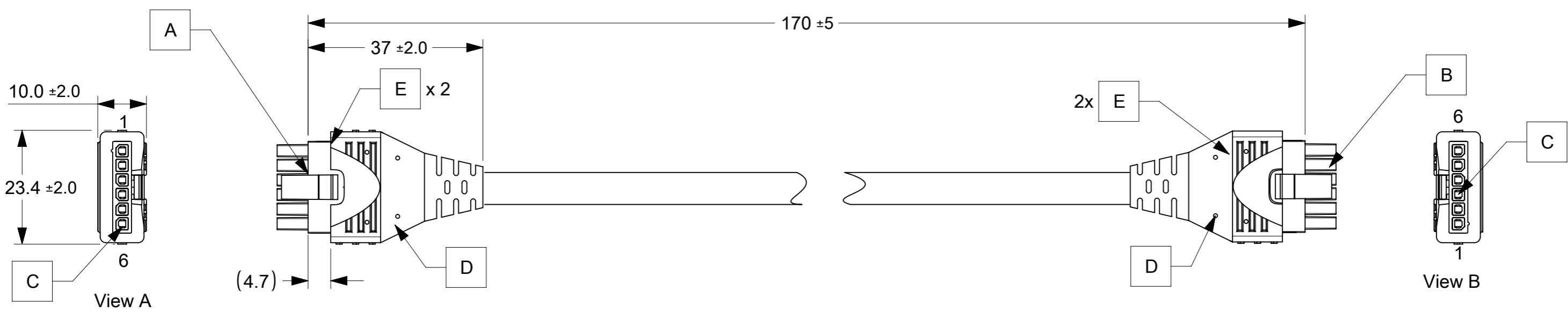


ITEM	MOLEX P/N	DESCRIPTION	QTY	UOM
A,B	436450600	MicroFit 3.0 Receptacle Sgl Row 6Ckt	2	PC
C	430300001	MicroFit 3.0 F Crp Term Chn Tin 20-24	12	PC
D	--	TPE RESIN	A/R	KG
E	--	MOLD PART INNER CAP	4	PC

FROM	TO	CABLE DESCRIPTION	COLOR
A1	B1	6CX20AWG UNSHD BK UL2464	RED
A2	B2		YELLOW
A3	B3		BLUE
A4	B4		GREEN
A5	B5		WHITE
A6	B6		BLACK



**NOTES:**

1. MOLDING MATERIAL:
  - 1.1 INNERCAP: PA66 NYLON RESIN.
  - 1.2 OVERMOLD: TPE RESIN.
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.

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>			
	mm	NTS						
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 733522		6CKT OVERMOLDED MICROFIT CABLE 120MM			
	4 PLACES	±	DRWN: SAIKIG	2022/06/08				
DIVISIONAL SYMBOLS	3 PLACES	±	CHK'D: SKUMAR07	2023/01/04	PRODUCT CUSTOMER DRAWING			
	2 PLACES	±	APPR: SKUMAR07	2023/01/04				
	1 PLACE	±	INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
	0 PLACES	±	DRWN: AS20	2020/08/28	2147700600	PSD	000	C
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