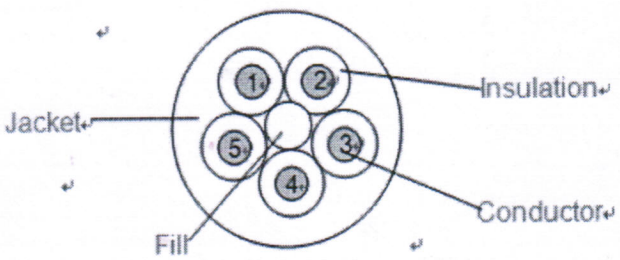
TC-ER 10AWG /5C

截面图(Cross Drawing)



结构(Construction)

项目 (Item)	TC-ER		
Conductor (导体)	Construction	(AWG)	10
	Material		Bared Copper
	Conductors No		65/0.32
	Stranded O.D.	mm	≤2.97
Insulation (绝缘)	Material		XLPE
	Diameter	mm	4.65±0.15
	Avg. Thickness	mm	0.76
	Min. Thickness	mm	0.69
	Color		1Blue, 2Grey, 3Black, 4Brown, 5Yellow/Green
Jacket (护套)	Material		XLPE
	Diameter	mm	15.8±0.50
	Avg. Thickness	mm	1.52
	Min. Thickness	mm	1.22
	Color		Black
Marking (印字)	E335648(UL)TYPE TC-ER XHHW-2 5C/10AWG 90℃WET OR DRY 600V DIR BUR SUN RES -40C COLD BEND BAOHING		
备注	/		

产品说明(Product Description)

- 产品说明 (Product Description)
  - Rated tempreture & voltage: -40℃ ~+90℃ 600V
  - Bare copper stranded wire
  - XLPE insulation , Pass RoHS Standard
- 参考标准(Reference Standard)
  - this specification is applied to customer request

电气性能和可靠性测试

(Electrical Properties and Reliability Test)

Item(项目)	Electrical Characteristics
Tensile Strength before Aging	≧10.34 Mpa
Elongation before Aging	≧150 %
Aging Condition	121±2℃×168hrs
After Aged	≧70% of original
	≥70% of original
Max. Conductor DC Resistance	3.41Ω/km (20℃)
UV resistant	UL1581
Fire performance	Vertical-Tray flame test (UL1277)
Operating Temperature	-40℃ to +90℃
Rated Temperature	+90℃(Dry or Wet)
Rated Voltage	600V
Product Standard	UL44 UL1277 UL1581 ROHS

客户签字/盖章:

确 认 日 期: 2020.12.13

江铜集团

苏州宝兴电线电缆有限公司

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规格书号(Spec. No.)	TCER-132	客户(Customer)		客户料号(Cust. No.)	
编制(Parepared By)	唐浩	审核(Reviewed By)	林怡林	批准(Approved By)	林怡林