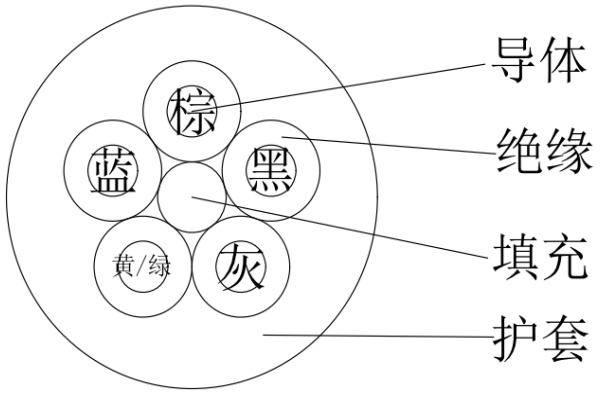
SPECIFICATION FOR APPROVAL

1.Construction	H07RN-F 5G2.5㎟			**Revision:**	**A/0**	**Form No.**	**ZHH07RNF2.5Q0501**
Rated Voltage	450/750V	Rated Temperature	60℃	**CONSTRUCTION D.W.G**			
Conductor	㎟	2.5					
	Material	Stranded Bare Copper					
	Cond.Size	49/（0.243±0.008）					
	Stranded OD.(mm)	1.98					
Insulation	Material	EI4乙丙橡胶或等效弹性体					
	Min.Thickness（mm）	0.71					
	Min. Average Thickness（mm）	0.90					
	OD.(mm)	3.85±0.10					
	Color	Blue，Brown，Black，Grey，Yellow/Green					
Sheath	Material	EM2氯丁橡胶或等效弹性体					
	Min.Thickness（mm）	1.60		Rubber insulated cables.			
	Min. Average Thickness（mm）	2.00		**4.Marking**			
	OD.(mm)	14.5±0.4		◁VDE▷ H07RN-F 5G2.5mm² KTL SU01048-6004 SAA202714 GP-85-PCP 0.6/1.0KV HEAVY DUTY 450/750V WUXI ZHONGHUI WIRE & CABLE CO., LTD CCC A005618 60245 IEC66 (YCW) 5×2.5mm² 450/750V WUXI SHI ZHONGHUI XIANLAN GUFEN YOUXIAN GONGSI			
	Color	Black					

2. Physical Properties				**5.Standard**	a) EN50525-2-21 2011 b) RoHS EU Directive 2011/65/EU
Item		Specification			
		Insulation	Sheath	**6.Packing**	(a) 100m./Roll (b) According to customer requirements
Elongation	Un-aged	≥200%	≥300%		
Strength		≥5N/㎟	≥10N/㎟	无锡市中汇线缆股份有限公司 地址：江苏省无锡市锡山区锡北镇八士新坝村 Tel/Fax:0510-83785622 Web:www.wxzhxl.com	
Elongation	Aged condition: 100±2℃×168h （70±2℃×240h，Sheath）	≥75% Original	≥75% Original		
Strength		≥75% Original	≥85% Original		
Cold bend test	(-35±2.0℃×16h)	No cracking			
Thermal elongation test	200±3℃，15min，0.2N/㎟	Elongation：100%；	After cooling：25%		

3.Electrical Properties					
Item	SPECIFICATION	**Part No.**	**ZHH07RNF2.5Q0501**	**APPROVED (CUSTOMER)**	
Conductor Resistance AT 20℃：	≤7.98Ω/km	Serial No.	001		
Dielectric-withstand test：	AC 2500V/5min， No Breakdown	**Approved**	**胡晓武**		
Spark test：	AC 7500V， No Breakdown	**Checked**	/		
		Drawing	**甘宇航**		
		Date	**2023-10-9**		