CHARACTER:

1.Physical performance

a、Heat shrinkage test: the test temperature is 150±2℃, the time is not less than 15 min, and the shrinkage rate should not exceed 4%.

b、Burning test: The burning time is 30 seconds. After removing the flame, the sample should self-extinguish within 30 seconds.

c、Low-temperature winding (≤16mm2): Cut one sample with a length of 400mm from the finished wire. The sample should be placed vertically in a low-temperature box, with one end fixed to a rotating rod and the other end subjected to a load. The sample should be kept in the low-temperature box at -25±3℃ for 4 hours. After cooling for the specified time, the rotating rod should be uniformly rotated at the specified speed in the low-temperature box, and the sample should be wound at least 3 times on the rotating rod.

d、Low temperature impact (≥16mm2): Take a sample of 150mm, at -15±3℃. When the cross-sectional area is 16＜S＜50, use a 300g falling hammer to impact the sample from a height of 100mm, and the sample is not damaged; when the cross-sectional area S≥50, use a 400g falling hammer to impact the sample from a height of 100mm, and the sample is not damaged.

2.Electrical Properties

a、Cut three samples with a length of 1.2m from the finished wire. Immerse the samples in a solution of sodium vapor at room temperature (23±5℃) with a weight ratio of water to sodium vapor of 100:3. The length of the samples exposed above the liquid surface is 400mm. After 4 hours, apply a test voltage of 1KV between the sample conductor and the solution, and maintain it for 30 minutes. None of the three samples should experience breakdown.

b、After a 30-minute AC voltage test, the voltage should be raised to the breakdown voltage of 5KV at a rate of 500 V/s, and none of the three samples should experience breakdown.

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、Good processing properties Harness

d、Harness processing process good compatibility

e、According to JB standard design

4.Environmental protection

a、ROHS/REACH compliant

SHOULD BE USED:

Road vehicles-low tension cables(wires),Electric vehicles and instrument with lines

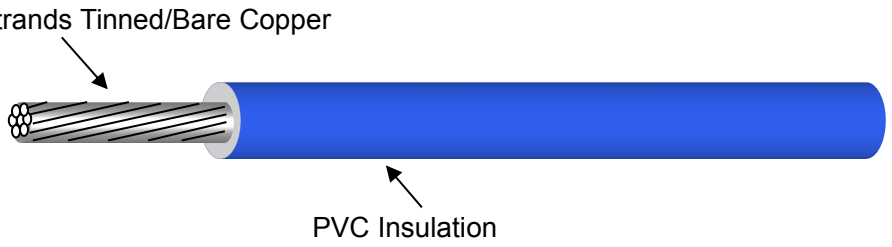
REFERENCE:

JB/T8139-1999

Outline:

3F product code:

eg：QVR-15000-30G
QVR,1.50mm2，BLACK，30/0.25，Bare



Road vehicles-low tension cables(wires)
QFR-105

Wire structure description:
Conductor: Tinned /Bare copper ；
Insulation materials: PVC Insulation

Road vehicles-low tension cables(wires)
Rated temperature: 105℃ rated voltage: 60Vac or 25Vdc

STYLE	mm2	Conductor size (No./ mm) ±0.005mm	Conductor Dia.(mm)	Conductor resistance 20℃ (Ω/Km)		insulation thickness Nom. (mm)	Overall diameter (mm) Max.
				Bare	tin.		
QVR-105	0.20	12/0.15	0.60	92.3	95.0	0.30	1.30
	0.30	16/0.15	0.70	69.2	71.2	0.30	1.40
	0.40	23/0.15	0.83	48.2	49.6	0.30	1.60
	0.50	16/0.20	0.93	39.0	40.1	0.60	2.40
	0.75	24/0.20	1.13	26.0	26.7	0.60	2.60
	1.00	32/0.20	1.31	19.5	20.0	0.60	2.80
	1.25	16/0.32	1.48	14.9	15.9	0.60	2.90
	1.50	30/0.25	1.58	13.3	13.7	0.60	3.00
	2.00	64/0.2	1.85	8.62	8.96	0.60	3.30
	2.50	49/0.25	2.02	7.98	8.21	0.70	3.70
	4.00	56/0.30	2.60	4.95	5.09	0.80	4.50
	6.00	84/0.30	3.18	3.30	3.39	0.80	5.10
	10.00	80/0.40	4.13	1.91	1.95	1.00	6.70
	16.00	126/0.40	5.18	1.21	1.24	1.00	8.50
	25.00	196/0.40	6.47	0.78	0.795	1.30	10.60
	35.00	276/0.40	7.98	0.554	0.565	1.30	11.80
	50.00	396/0.40	9.55	0.386	0.393	1.50	13.70
	70.00	360/0.50	11.58	0.272	0.277	1.50	15.70

Marking: NO MARKING

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				
0.2~1.25mm2	☐ 100M	☐ 200M	☐ 500M	■ 1000M	3F
1.5~4.0mm2	☐ 100M	☐ 200M	■ 500M	☐ 1000M	
6.0~10.0mm2	☐ 100M	■ 200M	☐ 500M	☐ 1000M	
16~70mm2	■ 100M	☐ 200M	☐ 500M	☐ 1000M	
According to customer requirements for packaging packaging					

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