



# Q1-150



SPECIFICATION				
Cross-Section		<p style="text-align: center;">style: Q1-150 1X1.0MM2 H05V-K Rated temperature:70°C, rated voltage300/500 volts.</p>		
Construction				
Nominal Section	mm <sup>2</sup>	1x1.00		
Cond.Material		Bare copper		
Cond.Conductor style	mm	0.2 (+0.006, -0.006)		
stranded O.D(mm)	mm	1,30		
Insu.Material		PVC		
Insu.NOM.Thickness	mm	0.6		
Min.Thickness	mm	≥0.54		
Diameter	mm	2.5±0.1		
Electrical Properties				
Item		Electrical Characteristics		
Rated temperature&voltage		70°C 300/500V		
Max.Conductor Resistance		19.5Ω/kM& 20°C		
Reference Standard		UL758,UL1581 & CSA22.2		
Dielectric strength V/min		AC.2000V, 1min NO Break		
Physical Properties				
Test Object Item		Insulation		
Properties Aged(112°C/168h)	Tensile Strength	≥10.3Mpa		
	Elongation	≥100%		
	Tensile Strength	≥65% of original		
	Elongation	≥65% of original		
Flame Test	— —	FT1		
Color	— —	Q1-150A Blue	Q1-150M Brown	Q1-150V Green
		Q1-150B White	Q1-150N Black	Q1-150VY Green/Yellow
		Q1-150G Grey	Q1-150R Red	Q1-150Y Yellow
Marking :	Q1-150 EMELEC VIASCOM 1X1.0MM2 70°C 300/500V Rohs			
Packing :	200m/cardboard reel			