

CHARACTER:

- 1.Physical performance
- a、Excellent mechanical properties

b、Excellent thermal stability

c、Low temperature soft good performance

d、Good flame retardancy

e、Of high resistance to chemicals

f、Chemistry stability is good

b、Good resistance to high temperature of the engine fluid

j、Excellent resistance to impact ability
- 2.Electrical Properties
- a、Electrical insulation good

b、Good the dielectric properties
- 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 UL standard design
- 4.Environmental protection
- a、ROHS/REACH compliant

SHOULD BE USED:

For national defence application

REFERENCE:

MIL-DTL-16878

Outline:

Strands Tinned/Bare Copper



PVC Insulation

For national defence application

MIL-DTL-16878/1C

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

For national defence application						
Rated temperature: 105℃ Rated voltage:600V						
PIN.	AWG	Conductor size (No./ mm) ± 0.005	Conductor Dia.(mm)	Insulation thickness (mm) Nom.	Overall diameter (mm)	
					Max.	Min.
M16878/1BAA*	32	1/0.203	0.203	0.25	0.762	0.610
M16878/1BAB*	32	7/0.079	0.241	0.25	0.813	0.660
M16878/1BBA*	30	1/0.254	0.254	0.25	0.813	0.660
M16878/1BBB*	30	7/0.102	0.305	0.25	0.864	0.711
M16878/1BCA*	28	1/0.320	0.33	0.25	0.889	0.737
M16878/1BCB*	28	7/0.127	0.381	0.25	0.94	0.787
M16878/1BDA*	26	1/0.404	0.406	0.25	0.965	0.813
M16878/1BDB*	26	7/0.160	0.483	0.25	1.041	0.889
M16878/1BDE*	26	19/0.102	0.533	0.25	1.041	0.889
M16878/1BEA*	24	1/0.511	0.508	0.25	1.092	0.914
M16878/1BEB*	24	7/0.203	0.61	0.25	1.194	1.016
M16878/1BEE*	24	19/0.127	0.66	0.25	1.194	1.016
M16878/1BFA*	22	1/0.643	0.635	0.25	1.219	1.041
M16878/1BFB*	22	7/0.254	0.762	0.25	1.346	1.168
M16878/1BFE*	22	19/0.160	0.813	0.25	1.346	1.168
M16878/1BGA*	20	1/0.813	0.813	0.25	1.397	1.219
M16878/1BGB*	20	7/0.320	0.965	0.25	1.549	1.372
M16878/1BGE*	20	19/0.203	1.041	0.25	1.549	1.372
M16878/1BHA*	18	1/1.020	1.016	0.25	1.6	1.422
M16878/1BHB*	18	7/0.404	1.245	0.25	1.829	1.651
M16878/1BHE*	18	19/0.254	1.295	0.25	1.829	1.651
M16878/1BJA*	16	1/1.290	1.295	0.25	1.905	1.702
M16878/1BJE*	16	19/0.287	1.499	0.25	2.108	1.905
M16878/1BKA*	14	1/1.630	1.626	0.25	2.235	2.032
M16878/1BKE*	14	19/0.361	1.829	0.25	2.438	2.235

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			3F
14~16AWG	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18~32AWG	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging				