

# INSPECTION & TESTS

( ) ( , , )

1.

Hot Junction, ,

(色浸透 : Color Penetration)



2.

1,000mm	± 3 mm
1,000 2,000mm	± 5 mm
2,000mm	± 7 mm

250mm	± 3mm
250 1,000mm	± 5mm
1,000mm	± 1.0%

:

(Two Conductor Type)

Sheath (Ømm)						
0.5 Ø mm	0.50 Ø mm	± 0.05mm	0.09mm	± 0.01mm	0.09mm	± 0.01mm
1.0 Ø mm	1.00 Ø mm		0.15mm	± 0.01mm	0.18mm	± 0.01mm
1.6 Ø mm	1.60 Ø mm		0.23mm	± 0.01mm	0.28mm	± 0.02mm
2.2 Ø mm	2.20 Ø mm		0.33mm	± 0.02mm	0.40mm	± 0.03mm
3.2 Ø mm	3.18 Ø mm		0.48mm	± 0.03mm	0.58mm	± 0.03mm
4.8 Ø mm	4.78 Ø mm		0.71mm	± 0.03mm	0.84mm	± 0.05mm
6.4 Ø mm	6.35 Ø mm		0.94mm	± 0.04mm	1.12mm	± 0.05mm
8.0 Ø mm	7.95 Ø mm		1.17mm	± 0.05mm	1.37mm	± 0.05mm

3.

\* Hoskins  
 Ref : JIS C 1602- 1981  
 : /m

\* 0 (+) (-)

		B	R	S	K	E	J	T	N*
AWG	∅ mm	-	PR	-	CA	CRC	IC	CC	-
28	0.32	-	-	-	-	-	-	6.17	16.43
24	0.50	1.75	1.47	1.43	-	-	-	-	6.50
22	0.65	-	-	-	2.95	3.56	1.70	1.50	4.08
18	1.00	-	-	-	1.25	1.50	0.72	0.63	1.62
14	1.60	-	-	-	0.49	0.59	0.28	0.25	0.64
11	2.30	-	-	-	0.24	0.28	0.14	-	0.32
8	3.20	-	-	-	0.12	0.15	0.07	-	0.13

\* 20 (+) (-)

: /m

	(∅ mm)	(∅ mm)	K	E	J	T
	0.25	0.04	600.0	-	-	-
	0.5	0.09	152.5	191.9	106.3	-
	1.0	0.18	38.6	48.6	26.4	22.2
	1.6	0.28	15.5	19.6	10.7	9.1
	2.2	0.40	8.1	10.5	5.6	4.7
	3.2	0.58	3.9	5.5	2.7	2.3
	4.8	0.84	1.8	2.3	1.3	1.0
	6.4	1.12	1.1	1.3	-	-
	8.0	1.37	0.7	0.8	0.5	0.4
	1.6	0.23	21.0	28.7	14.11	12.3
	2.2	0.33	10.7	-	7.4	6.3
	3.2	0.46	5.9	7.2	3.8	2.8
	4.8	0.71	2.5	2.9	1.5	1.1
	6.4	0.94	1.6	1.7	1.0	0.7
	8.0	1.24	1.0	1.1	0.6	0.5
	3.2	0.28	26.8	-	-	-
	4.8	0.38	11.9	-	-	-
	6.4	0.48	6.7	-	-	-
	8.0	0.61	4.3	-	-	-

4.

가

가		K	E	J	T	N
	JIS	C1602 C1605	C1602 C1605	C1602 C1605	C1602 C1605	-
	ANSI	MC96.1	MC96.1	MC96.1	MC96.1	NST Monograph 161
	ASTM	E230	E230	E230	E230	-
	BS	4937-4	4937-6	4937-3	4937-5	-
	DIN	43710	-	43710*	43710	-
	NF	E18-001	-	E18-001	E18-001	-
	( )	315,482,677	315,482,677	315,482,677	93,204,315	315,482,677

\* 가 가

5.

(100 ) -50 1,000  
가 (In, Sn, Cd, Zn, Sb, Al, Ag, Cu)

	(氷點)	(精度)
Indium(In)	156.5985	
Tin(Sn)	231.928	±0.01
Cadmium(Cd)	321.069	
Zinc(Zn)	419.527	±0.001
Antimony(Sb)	630.63	
Aluminium(Al)	660.323	±0.2
Silver(Ag)	961.78	
Copper(Cu)	1084.62	±0.5

가



6.

(室溫) DC250V 500V 가

Beaded Type	DC 500V	5M
THERMIC below 2.0	DC 100V	5M
THERMIC below 2.0	DC 500V	5M

7.

, X-Ray ,  
Report 가