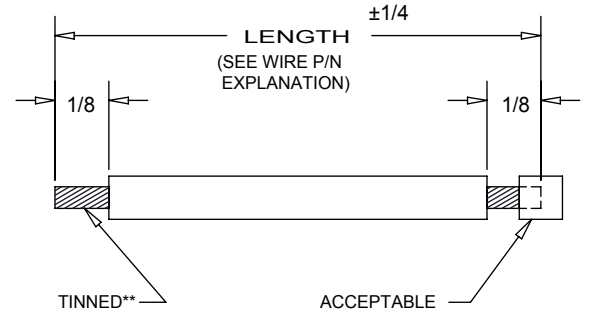


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DASH NO.	COLOR	TRACER	DASH NO.	COLOR	TRACER	DASH NO.	COLOR	TRACER	DASH NO.	COLOR	TRACER
00	BLACK	---	30	ORANGE	BLACK	60	BLUE	BLACK	90	WHITE	BLACK
01	BLACK	BROWN	31	ORANGE	BROWN	61	BLUE	BROWN	91	WHITE	BROWN
02	BLACK	RED	32	ORANGE	RED	62	BLUE	RED	92	WHITE	RED
03	BLACK	ORANGE	33	ORANGE	---	63	BLUE	ORANGE	93	WHITE	ORANGE
04	BLACK	YELLOW	34	ORANGE	YELLOW	64	BLUE	YELLOW	94	WHITE	YELLOW
05	BLACK	GREEN	35	ORANGE	GREEN	65	BLUE	GREEN	95	WHITE	GREEN
06	BLACK	BLUE	36	ORANGE	BLUE	66	BLUE	---	96	WHITE	BLUE
07	BLACK	VIOLET	37	ORANGE	VIOLET	67	BLUE	VIOLET	97	WHITE	VIOLET
08	BLACK	GRAY	38	ORANGE	GRAY	68	BLUE	GRAY	98	WHITE	GRAY
09	BLACK	WHITE	39	ORANGE	WHITE	69	BLUE	WHITE	99	WHITE	---
10	BROWN	BLACK	40	YELLOW	BLACK	70	VIOLET	BLACK			
11	BROWN	---	41	YELLOW	BROWN	71	VIOLET	BROWN			
12	BROWN	RED	42	YELLOW	RED	72	VIOLET	RED			
13	BROWN	ORANGE	43	YELLOW	ORANGE	73	VIOLET	ORANGE			
14	BROWN	YELLOW	44	YELLOW	---	74	VIOLET	YELLOW			
15	BROWN	GREEN	45	YELLOW	GREEN	75	VIOLET	GREEN			
16	BROWN	BLUE	46	YELLOW	BLUE	76	VIOLET	BLUE			
17	BROWN	VIOLET	47	YELLOW	VIOLET	77	VIOLET	---			
18	BROWN	GRAY	48	YELLOW	GRAY	78	VIOLET	GRAY			
19	BROWN	WHITE	49	YELLOW	WHITE	79	VIOLET	WHITE			
20	RED	BLACK	50	GREEN	BLACK	80	GRAY	BLACK			
21	RED	BROWN	51	GREEN	BROWN	81	GRAY	BROWN			
22	RED	---	52	GREEN	RED	82	GRAY	RED			
23	RED	ORANGE	53	GREEN	ORANGE	83	GRAY	ORANGE			
24	RED	YELLOW	54	GREEN	YELLOW	84	GRAY	YELLOW			
25	RED	GREEN	55	GREEN	---	85	GRAY	GREEN			
26	RED	BLUE	56	GREEN	BLUE	86	GRAY	BLUE			
27	RED	VIOLET	57	GREEN	VIOLET	87	GRAY	VIOLET			
28	RED	GRAY	58	GREEN	GRAY	88	GRAY	---			
29	RED	WHITE	59	GREEN	WHITE	89	GRAY	WHITE			

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A0	RELEASE ECN 214-SSC	5/15/06	RFP



**SPECIFICATIONS:**

- 1.0 GENERAL
  - 1.1 30 AWG
  - 1.2 TEMP. RANGE: -65°C TO 200°C
- 2.0 CONDUCTORS
  - 2.1 STRANDING: 7 X 38
  - 2.2 O.D. OVER STRANDS: .012
  - 2.3 TENSILE STRENGTH:
  - 2.4 ELONGATION:
- 3.0 INSULATION
  - 3.1 TYPE: ETCHED TEFLON TYPE ET PER MIL-W-16878/6
  - 3.2 WALL THICKNESS: .006
  - 3.3 O.D. MAX: .024
  - 3.4 HVBD: 300 VOLTS
  - 3.5 INSULATION RESISTANCE:
  - 3.6 TENSILE STRENGTH:
  - 3.7 ELONGATION:
  - 3.8 CONCENTRICITY:

**\*\*NOTE**  
TINNING MATERIAL MUST BE LEAD FREE AND BE RoHS COMPLIANT.

**EXPLANATION OF WIRE PART NO.:**

7040-5303-XXXX

JDK WIRE COLOR NUMBER  
(SEE ABOVE)  
EX: -22 = RED  
-00 = BLACK

JDK WIRE LENGTH (IN INCHES)  
EX: 12 = 12 INCHES  
06 = 6 INCHES  
SP = SPOOL

**ETCHING REQUIREMENT:**

REMOVE 2 FEET MINIMUM FROM EACH END OF ORIGINAL WIRE AFTER ETCHING TO PREVENT ETCHANT FROM WICKING ONTO CONDUCTOR.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES E 1/32 .xx E .01 E 2° .xxx E .005		CONTRACT No.		JDK CONTROLS INC. GRASS VALLEY CALIFORNIA	
APPROVALS		DATE		WIRE - HOOKUP	
DRAWN D. Allmandinger		5/12/06		SIZE B CAGE CODE 5W885 DWG NO. 7040-5303	
CHECKED R. PRIVITT		5/15/06		SCALE: NONE SHEET 1 1 OF	
MATERIAL NOTED		FINISH		APPLICATION	
NEXT ASSEMBLY		USED ON			

Ref 7040-5354

4 3 2 1