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Project 4788920619

[DATE]

REPORT

on

COMPONENT - CONNECTORS FOR USE IN DATA, SIGNAL,  
CONTROL AND POWER APPLICATIONS

FINECABLES INC  
Mercer ISLAND , WA

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## DESCRIPTION

## PRODUCT COVERED:

USR Component Connectors,

Cat. No. 0B, followed by 3, followed by 02 thru 07 or 09, followed by S, K, N or C, followed by L, followed by L or A, followed by M or D **or blank**, followed by 00 thru 99 **or blank**, followed by Z or blank.

Cat. No. 0K, followed by 3, followed by 02 thru 07 or 09, followed by S, K, N or C, followed by L, followed by L or A, followed by K or C **or blank**, followed by 00 thru 99 **or blank**, followed by Z or blank.

Cat. No. 1B, followed by 3, followed by 02 thru 08, 10, 14 or 16, followed by S, K, N or C, followed by L, followed by L or A, followed by M or D **or blank**, followed by 00 thru 99 **or blank**, followed by Z or blank.

Cat. No. 1K, followed by 3, followed by 02 thru 08, 10, 14 or 16, followed by S, K, N or C, followed by L, followed by L or A, followed by K or C **or blank**, followed by 00 thru 99 **or blank**, followed by Z or blank.

Cat. No. 2B, followed by 3, followed by 02 thru 08, 10, 12, 14, 16, 18, 19, 26 or 32, followed by S, K, N or C, followed by L, followed by L or A, followed by M or D **or blank**, followed by 00 thru 99 **or blank**, followed by Z or blank.

Cat. No. 2K, followed by 3, followed by 02 thru 08, 10, 12, 14, 16, 18, 19, 26 or 32, followed by S, K, N or C, followed by L, followed by L or A, followed by K or C **or blank**, followed by 00 thru 99 **or blank**, followed by Z or blank.

Cat. No. 3B, followed by 3, followed by 02 thru 10, 12, 14, 16, 18, 20, 24, 26 or 30, followed by S, K, N or C, followed by L, followed by L or A, followed by M or D **or blank**, followed by 00 thru 99 **or blank**, followed by Z or blank.

Cat. No. 3K, followed by 3, followed by 02 thru 10, 12, 14, 16, 18, 20, 24, 26 or 30, followed by S, K, N or C, followed by L, followed by L or A, followed by K or C **or blank**, followed by 00 thru 99 **or blank**, followed by Z or blank.

## GENERAL:

The devices are multi-pole connectors intended for factory assembly on copper wire sizes as indicated in Ratings table below or printed wiring boards where the acceptability of combinations is determined by UL LLC. The devices are identified as follows:

USR indicates investigation to United States Standards, UL 1977.

## RATINGS:

Series Nos.	Pole Number	Current, A	Voltage, V	Size of Wire, AWG, Str
0B or 0K	2, 3	10	300	22
	4, 5	7A	29.9	22
	6, 7, 9	2.5	29.9	28-30
1B or 1K	2, 3	15	29.9	20
	4, 5	10	29.9	22
	6-8	7	29.9	22
	10, 14, 16	2.5	29.9	28-30
2B or 2K	2	30	300	14-16
	3	17	300	16-18
	4-7	15	29.9	20
	8, 10	10	29.9	22
	12, 14, 16, 18, 19	7	29.9	22
3B or 3K	26, 32	2	29.9	28-30
	2	35	300	10-12
	3, 4	25	300	14-16
	5-7	19	29.9	16-18
	8, 10	13	29.9	20
	9	Power Contact 15A	Power Contact 300V	14-16
		Signal Contact 6A	Signal Contact 29.9V	20
	12, 14, 16, 18	9	29.9	22
20, 22, 24, 26, 30	6	29.9	22	

Disconnecting Use - see Sec Gen for required marking.

## NOMENCLATURE:

The Series Nos. 0B, 0K, 1B, 1K, 2B, 2K, 3B and 3K are designated as follows:

Example:

<u>0B</u>	3	<u>09</u>	<u>C</u>	L	<u>L</u>	<u>M</u>	<u>00</u>	<u>Z</u>
I	3	II	III		IV	V	VI	VII

Where:

I - Series Numbers.

II - denoting the quantity of poles.

III - denoting Metal shell material and plating;

IV - A denoting the contacts are pins;

L denoting the contacts are sockets;

V - M, D, C and K denoting the different collet type;

VI - 00 thru 99 denoting commercial use code;

VII - Z or blank denoting the different nut type