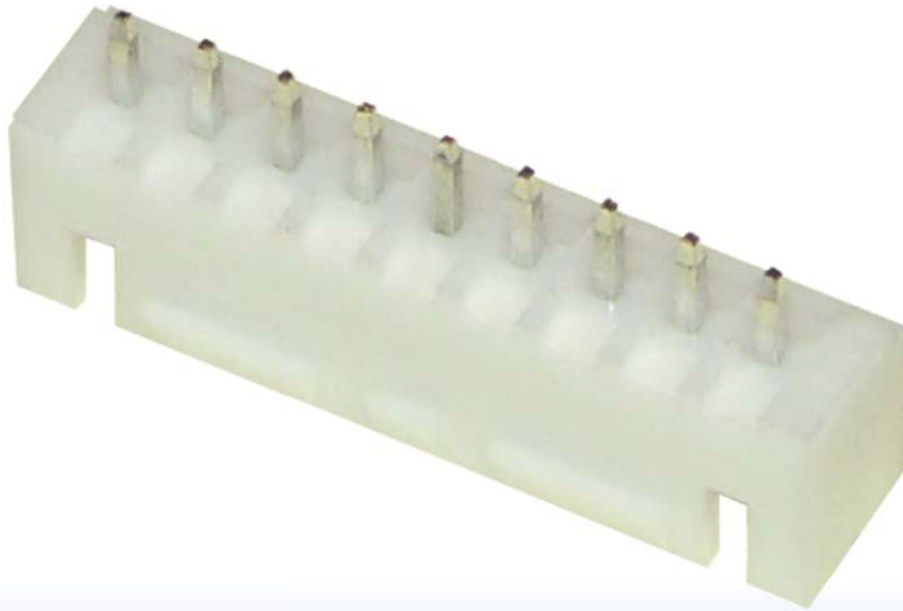


WIRE TO BOARD



WAVSVAV

Wire to Board Connectors.....	172
Wire Terminals.....	180
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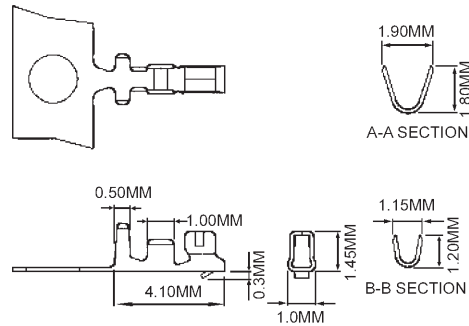
Terminal, 1.50MM (0.059") Pitch

Material:

Applicable wire: 26AWG ~ 28AWG
 Thickness: 0.15MM
 Insulation OD: ϕ 1.20MM~1.35MM
 Phosphor Bronze, Tin plated
 Mates with ϕ 0.50MM (0.020") pin
 Rating: PBT, UL94V-0
 Contacts: Copper Alloy
 Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 1.0A
 Contact Resistance: <20M Ω Max.
 Insulation Resistance: 1,000M Ω Min.
 Withstanding Voltage: 650V AC (1 Min.)



Unit: MM
 NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

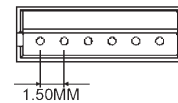
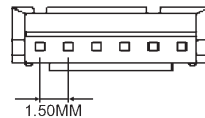
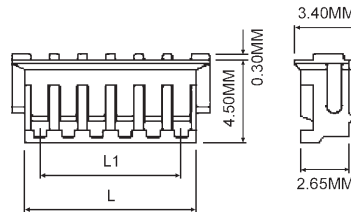
Assmann Part Number
 (Standard Stocking Item)

A-WT-15001-R

Housing & Wafer, 1.50MM (0.059") Pitch

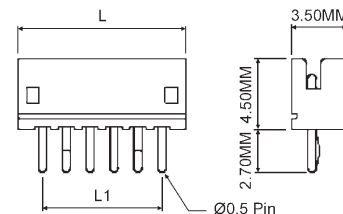
Housing:

Nylon 66, UL94V-0
 Circuits 2-13



Wafer:

Post: Brass, Tin plated
 Base: Nylon 66, UL94V-0
 Circuits 2-13
 Applicable PCB Thickness: 0.8MM~1.6MM
 Applicable: PCB Hole diameter: ϕ 0.7MM $\pm$ 0.05MM



Circuits	Dimensions		Q'ty/bag
	L1	L	
2	1.5	4.5	1000pcs
3	3	6	1000pcs
4	4.5	7.5	1000pcs
5	6	9	1000pcs
6	7.5	10.5	1000pcs
7	9	12	1000pcs
8	10.5	13.5	1000pcs
9	12	15	1000pcs
10	13.5	16.5	1000pcs
11	15	18	1000pcs
12	16.5	19.5	1000pcs
13	18	21	1000pcs

Material:

Rating: PBT, UL94V-0
 Contacts: Copper Alloy
 Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 1.0A
 Contact Resistance: <20M Ω Max.
 Insulation Resistance: 1,000M Ω Min.
 Withstanding Voltage: 650V AC (1 Min.)



Unit: MM
 NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number
 (Standard Stocking Item)

A-Wx1-x2-15001-x3-R

x¹

H -Housing
 W - Wafer

x²

Circuits
 02, 03, 04, 05, 06, 07, 08, 09, 10, 11,
 12, 13

x³

R -Right Angled
 (Wafer Only)

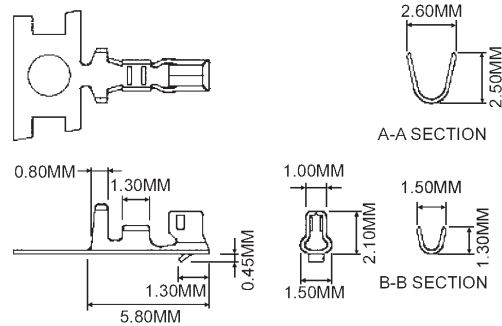
Terminal, 2.00MM (0.079") Pitch

Material:

Applicable wire: 24AWG ~ 28AWG
 Thickness: 0.2MM
 Insulation OD: $\varnothing$ 1.20MM~1.50MM
 Phosphor Bronze, Tin plated
 Mates with $\varnothing$ 0.50MM (0.020") pin
 Rating: PBT, UL94V-0
 Contacts: Copper Alloy
 Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 2.0A
 Contact Resistance: <20M Ω Max.
 Insulation Resistance: 1,000M Ω Min.
 Withstanding Voltage: 800V AC (1 Min.)



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

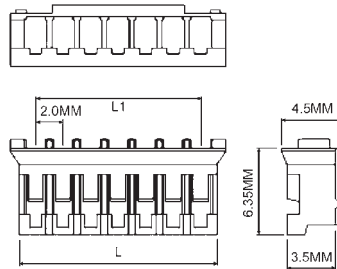
Assmann Part Number
 (Standard Stocking Item)

A-WT-20001-R

Housing & Wafer, 2.00MM (0.079") Pitch

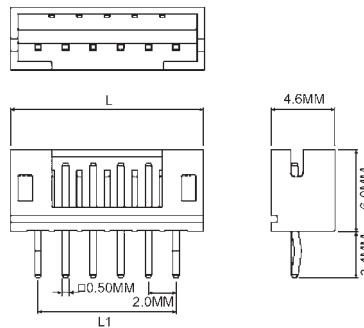
Housing:

Nylon 66, UL94V-0
 Circuits 2-16



Wafer:

Post: Brass, Tin plated
 Base: Nylon 66, UL94V-0
 Circuits 2-16
 Applicable PCB Thickness: 0.8MM~1.6MM
 Applicable: PCB Hole diameter: $\varnothing$ 0.7MM $\pm$ 0.05MM



Material:

Rating: PBT, UL94V-0
 Contacts: Copper Alloy
 Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 2.0A
 Contact Resistance: <20M Ω Max.
 Insulation Resistance: 1,000M Ω Min.
 Withstanding Voltage: 800V AC (1 Min.)



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number
 (Standard Stocking Item)

A-Wx1-x2-20001-x3-R

x ¹	H -Housing W - Wafer	x ²	Circuits 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16	x ³	R -Right Angled (Wafer Only)
----------------	-------------------------	----------------	---	----------------	---------------------------------

Circuits	Dimensions		Q'ty/bag
	L1	L	
2	2	4.4	1000pcs
3	4	6.4	1000pcs
4	6	8.4	1000pcs
5	8	10.4	1000pcs
6	10	12.4	1000pcs
7	12	14.4	1000pcs
8	14	16.4	1000pcs
9	16	18.4	1000pcs
10	18	20.4	1000pcs
11	20	22.4	1000pcs
12	22	24.4	1000pcs
13	24	26.4	1000pcs
14	26	28.4	1000pcs
15	28	30.4	1000pcs
16	30	32.4	1000pcs

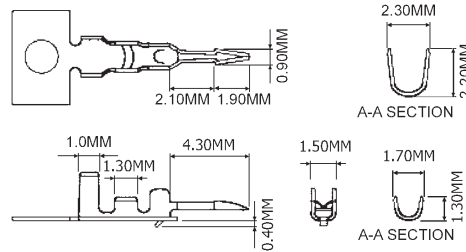
Terminal, 2.00MM (0.079") Pitch

Material:

Applicable wire: 24AWG ~ 28AWG
 Thickness: 0.2MM
 Insulation OD: ø1.20MM~1.50MM
 Brass
 Applicable PCB Thickness: 1.2MM~1.6MM
 Applicable PCB Hole diameter: ø0.8MM±0.05MM
 Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 2.0A
 Voltage Rating: 250V AC, DC
 Insulation Resistance: 1,000MΩ Min.
 Withstanding Voltage: 800V AC (1 Min.)

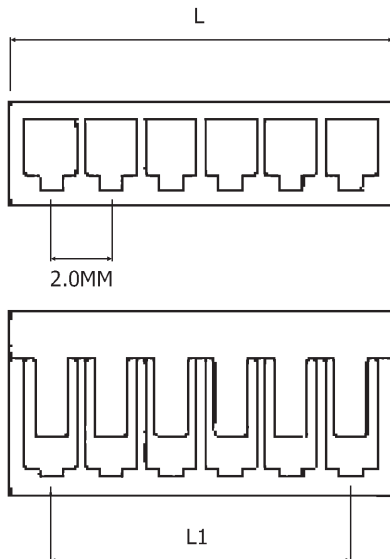


Unit: MM
 NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number
 (Standard Stocking Item)

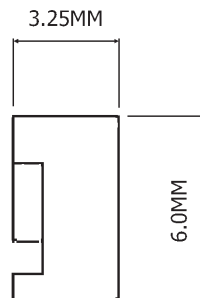
A-WT-10801-R

Housing, 2.00MM (0.079") Pitch



Housing:

Nylon 66, UL94V-0
 Circuits 2-16



Circuits	Dimensions		Q'ty/bag
	L1	L	
2	2.0	4.7	1,000pcs
3	4.0	6.7	1,000pcs
4	6.0	8.7	1,000pcs
5	8.0	10.7	1,000pcs
6	10.0	12.7	1,000pcs
7	12.0	14.7	1,000pcs
8	14.0	16.7	1,000pcs
9	16.0	18.7	1,000pcs
10	18.0	20.7	1,000pcs
11	20.0	22.7	1,000pcs
12	22.0	24.7	1,000pcs
13	24.0	26.7	1,000pcs
14	26.0	28.7	1,000pcs
15	28.0	30.7	1,000pcs
16	30.0	32.7	1,000pcs

Material:

Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 2.0A
 Voltage Rating: 250V AC, DC
 Insulation Resistance: 1,000MΩ Min.
 Withstanding Voltage: 800V AC (1 Min.)



Unit: MM
 NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number
 (Standard Stocking Item)

A-WH-x-10801-R

x Circuits
 02, 03, 04, 05, 06, 07, 08, 09, 10, 11,
 12, 13, 14, 15, 16

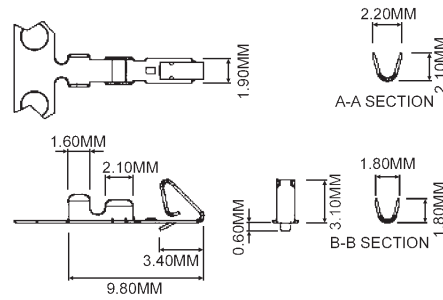
Terminal, 2.54MM (0.100") Pitch

Material:

Applicable wire: 20AWG ~ 26AWG
Thickness: 0.2MM
Insulation OD: ϕ 1.20MM~1.50MM
Brass, Phosphor Bronze
Mates with ϕ 0.64MM (0.025") square pin
Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
Current Rating: 5.0A
Voltage Rating: 250V AC, DC
Insulation Resistance: 1,000M Ω Min.
Withstanding Voltage: 1,000V AC (1 Min.)



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

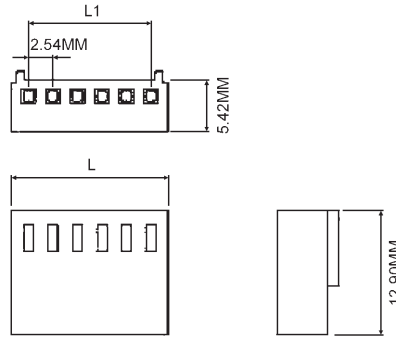
Assmann Part Number
(Standard Stocking Item)

A-WT-25004-R

Housing & Wafer, 2.54MM (0.100") Pitch

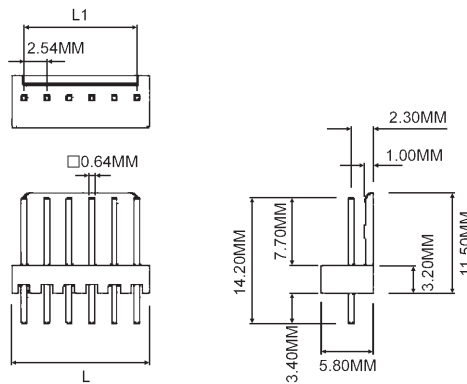
Housing:

Nylon 66, UL94V-0
Circuits 2-20



Wafer:

Post: Brass, Tin plated
Base: Nylon 66, UL94V-0
Circuits 2-20
Applicable PCB Thickness: 1.6MM
Applicable: PCB Hole diameter: ϕ 1.0MM $\pm$ 0.05MM



Circuits	Dimensions		Q'ty/bag
	L1	L	
2	2.54	5.79	1,000pcs
3	5.08	8.33	1,000pcs
4	7.62	10.87	1,000pcs
5	10.16	13.41	1,000pcs
6	12.70	15.95	1,000pcs
7	15.24	18.49	1,000pcs
8	17.78	21.03	1,000pcs
9	20.32	23.57	1,000pcs
10	22.86	26.11	1,000pcs
11	25.40	28.65	1,000pcs
12	27.94	31.19	1,000pcs
13	30.48	33.73	1,000pcs
14	33.02	36.27	1,000pcs
15	35.56	38.81	1,000pcs
16	38.10	41.35	1,000pcs
17	40.64	43.89	1,000pcs
18	43.18	46.43	1,000pcs
19	45.72	48.97	1,000pcs
20	48.26	51.51	1,000pcs

Material:

Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
Current Rating: 5.0A
Voltage Rating: 250V AC, DC
Insulation Resistance: 1,000M Ω Min.
Withstanding Voltage: 1,000V AC (1 Min.)



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number
(Standard Stocking Item)

A-Wx1-x2-25004-x3-R

x¹

H -Housing
W -Wafer

x²

Circuits
02, 03, 04, 05, 06, 07, 08, 09, 10, 11,
12, 13, 14, 15, 16, 17, 18, 19, 20

x³

R -Right Angled
(Wafer Only)

USB & IEEE
IDC & Flat Ribbon
IC, PLCC, Pin & Jumpers
DSub & Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA & eSATA
FFC/FFC
MiniDIN & Audio
KVM Cables

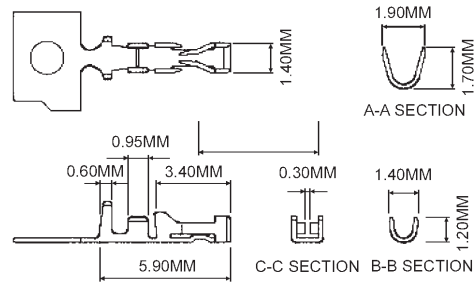
Terminal, 2.00MM (0.079") Pitch

Material:

Applicable wire: 26AWG ~ 30AWG
 Thickness: 0.2MM
 Insulation OD: ø1.05MM~1.35MM
 Mates with ø0.50MM (0.020") pin
 Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 1.0A
 Voltage Rating: 100V AC, DC
 Contact Resistance: 20MΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Withstanding Voltage: 650V AC (1 Min.)

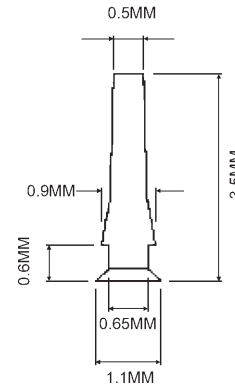
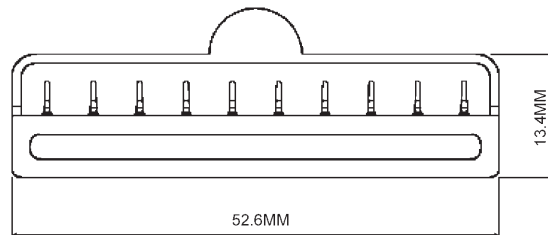
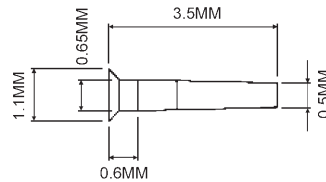


Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Finished	Assmann Part Number (Standard Stocking Item)	Finished
A-WT-20002-0-R	Gold Flash	A-WT-20002-2-R	Tin plated

Polarizing Key, 2.00MM (0.079") Pitch, Single Row, 10pcs



Material:

PBT, UL94V-0
 Color: White or Black
 Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 1.0A
 Voltage Rating: 100V AC, DC
 Contact Resistance: 20MΩ Max.
 Insulation Resistance: 1,000MΩ Min.
 Withstanding Voltage: 650V AC (1 Min.)

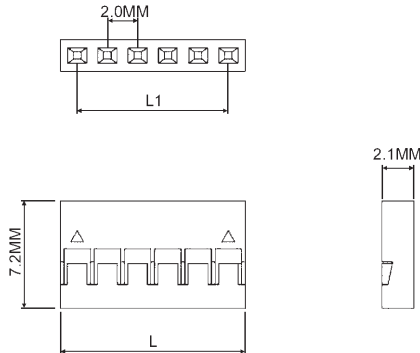


Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)		
A-WP-20002-x-R	x	C -White CB -Black

Housing, 2.00MM (0.079") Pitch, Single Row



Material:
Nylon 66, UL94V-0
Circuits: 2-30



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Circuits	Dimensions		Q'ty/bag
	L1	L	
2	2.00	4.30	1,000pcs
3	4.00	6.30	1,000pcs
4	6.00	8.30	1,000pcs
5	8.00	10.30	1,000pcs
6	10.00	12.30	1,000pcs
7	12.00	14.30	1,000pcs
8	14.00	16.30	1,000pcs
9	16.00	18.30	1,000pcs
10	18.00	20.30	1,000pcs
11	20.00	22.30	1,000pcs
12	22.00	24.30	1,000pcs
13	24.00	26.30	1,000pcs
14	26.00	28.30	1,000pcs
15	28.00	30.30	1,000pcs
16	30.00	32.30	500pcs
17	32.00	34.30	500pcs
18	34.00	36.30	500pcs
19	36.00	38.30	500pcs
20	38.00	40.30	500pcs
21	40.00	42.30	500pcs
22	42.00	44.30	500pcs
23	44.00	46.30	500pcs
24	46.00	48.30	500pcs
25	48.00	50.30	500pcs
26	50.00	52.30	500pcs
27	52.00	54.30	500pcs
28	54.00	56.30	500pcs
29	56.00	58.30	500pcs
30	58.00	60.30	500pcs

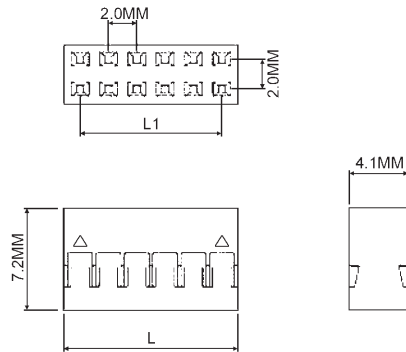
Unit: MM

Assmann Part Number
(Standard Stocking Item)

A-WH-x-20002-R

x Circuits
02, 03, 04, 05, 06, 07, 08, 09, 10, 11,
12, 13, 14, 15, 16, 17, 18, 19, 20, 21,
22, 23, 24, 25, 26, 27, 28, 29, 30

Housing, 2.00MM (0.079") Pitch, Dual Row



Material:
Nylon 66, UL94V-0
Circuits: 2-40



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Circuits	Dimensions		Q'ty/bag
	L1	L	
2 x 2	2.00	4.20	1,000pcs
2 x 3	4.00	6.20	1,000pcs
2 x 4	6.00	8.20	1,000pcs
2 x 5	8.00	10.20	1,000pcs
2 x 6	10.00	12.20	1,000pcs
2 x 7	12.00	14.20	1,000pcs
2 x 8	14.00	16.20	1,000pcs
2 x 9	16.00	18.20	1,000pcs
2 x 10	18.00	20.20	1,000pcs
2 x 11	20.00	22.20	1,000pcs
2 x 12	22.00	24.20	1,000pcs
2 x 13	24.00	26.20	1,000pcs
2 x 14	26.00	28.20	1,000pcs
2 x 15	28.00	30.20	1,000pcs
2 x 16	30.00	32.20	500pcs
2 x 17	32.00	34.20	500pcs
2 x 18	34.00	36.20	500pcs
2 x 19	36.00	38.20	500pcs
2 x 20	38.00	40.20	500pcs
2 x 21	40.00	42.20	500pcs
2 x 22	42.00	44.20	500pcs
2 x 23	44.00	46.20	500pcs
2 x 24	46.00	48.20	500pcs
2 x 25	48.00	50.20	500pcs
2 x 30	50.00	52.20	500pcs
2 x 40	52.00	54.20	500pcs

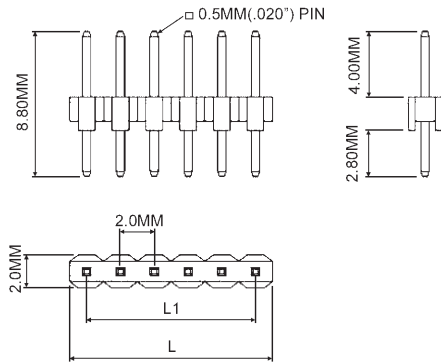
Unit: MM

Assmann Part Number
(Standard Stocking Item)

A-WHD-x-20002-R

x Circuits
02, 03, 04, 05, 06, 07, 08, 09, 10, 11,
12, 13, 14, 15, 16, 17, 18, 19, 20, 21,
22, 23, 24, 25, 30, 40

Pin Header - Single Row, 2.00MM (0.079") Pitch



Material:

Post: Brass, Tin plated

Base: PBT, UL94V-0

Circuits: 2-40

Applicable PCB Thickness: 0.8MM-1.6MM

Applicable PCB Hole diameter: $\varnothing 0.8\text{MM} \pm 0.05\text{MM}$ 

Dimensions				Dimensions			
Circuits	L1	L	Q'ty/bag	Circuits	L1	L	Q'ty/bag
2	2.00	4.00	5,000pcs	22	42.00	44.00	500pcs
3	4.00	6.00	3,000pcs	23	44.00	46.00	500pcs
4	6.00	8.00	2,000pcs	24	46.00	48.00	500pcs
5	8.00	10.00	2,000pcs	25	48.00	50.00	500pcs
6	10.00	12.00	2,000pcs	26	50.00	52.00	500pcs
7	12.00	14.00	2,000pcs	27	52.00	54.00	500pcs
8	14.00	16.00	2,000pcs	28	54.00	56.00	500pcs
9	16.00	18.00	2,000pcs	29	56.00	58.00	500pcs
10	18.00	20.00	2,000pcs	30	58.00	60.00	500pcs
11	20.00	22.00	1,000pcs	31	60.00	62.00	250pcs
12	22.00	24.00	1,000pcs	32	62.00	64.00	250pcs
13	24.00	26.00	1,000pcs	33	64.00	66.00	250pcs
14	26.00	28.00	1,000pcs	34	66.00	68.00	250pcs
15	28.00	30.00	1,000pcs	35	68.00	70.00	250pcs
16	30.00	32.00	1,000pcs	36	70.00	72.00	250pcs
17	32.00	34.00	1,000pcs	37	72.00	74.00	250pcs
18	34.00	36.00	1,000pcs	38	74.00	76.00	250pcs
19	36.00	38.00	1,000pcs	39	76.00	78.00	250pcs
20	38.00	40.00	1,000pcs	40	78.00	80.00	250pcs
21	40.00	42.00	500pcs				

Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number
(Standard Stocking Item)A-WW-x¹-20002-x²-Rx¹

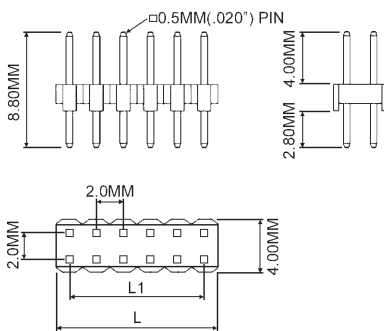
Circuits

02, 03, 04, 05, 06, 07, 08, 09, 10, 11,
12, 13, 14, 15, 16, 17, 18, 19, 20, 21,
22, 23, 24, 25, 26, 27, 28, 29, 30, 31,
32, 33, 34, 35, 36, 37, 38, 39, 40x²

R

-Right Angled

Pin Header - Dual Row, 2.00MM (0.079") Pitch



Material:

Post: Brass, Tin plated

Base: PBT, UL94V-0

Circuits: 4-80

Applicable PCB Thickness: 0.8MM-1.6MM

Applicable PCB Hole diameter: $\varnothing 0.8\text{MM} \pm 0.05\text{MM}$ 

Dimensions				Dimensions			
Circuits	L1	L	Q'ty/bag	Circuits	L1	L	Q'ty/bag
2 x 2	2.00	4.00	2,000pcs	2 x 22	42.00	44.00	500pcs
2 x 3	4.00	6.00	2,000pcs	2 x 23	44.00	46.00	500pcs
2 x 4	6.00	8.00	2,000pcs	2 x 24	46.00	48.00	500pcs
2 x 5	8.00	10.00	2,000pcs	2 x 25	48.00	50.00	500pcs
2 x 6	10.00	12.00	2,000pcs	2 x 26	50.00	52.00	500pcs
2 x 7	12.00	14.00	2,000pcs	2 x 27	52.00	54.00	500pcs
2 x 8	14.00	16.00	2,000pcs	2 x 28	54.00	56.00	500pcs
2 x 9	16.00	18.00	2,000pcs	2 x 29	56.00	58.00	500pcs
2 x 10	18.00	20.00	2,000pcs	2 x 30	58.00	60.00	500pcs
2 x 11	20.00	22.00	1,000pcs	2 x 31	60.00	62.00	250pcs
2 x 12	22.00	24.00	1,000pcs	2 x 32	62.00	64.00	250pcs
2 x 13	24.00	26.00	1,000pcs	2 x 33	64.00	66.00	250pcs
2 x 14	26.00	28.00	1,000pcs	2 x 34	66.00	68.00	250pcs
2 x 15	28.00	30.00	1,000pcs	2 x 35	68.00	70.00	250pcs
2 x 16	30.00	32.00	1,000pcs	2 x 36	70.00	72.00	250pcs
2 x 17	32.00	34.00	1,000pcs	2 x 37	72.00	74.00	250pcs
2 x 18	34.00	36.00	1,000pcs	2 x 38	74.00	76.00	250pcs
2 x 19	36.00	38.00	1,000pcs	2 x 39	76.00	78.00	250pcs
2 x 20	38.00	40.00	1,000pcs	2 x 40	78.00	80.00	250pcs
2 x 21	40.00	42.00	500pcs				

Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number
(Standard Stocking Item)A-WWD-x¹-20002-x²-Rx¹

Circuits

2 x 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,
13, 14, 15, 16, 17, 18, 19, 20, 21, 22,
23, 24, 25, 26, 27, 28, 29, 30, 31, 32,
33, 34, 35, 36, 37, 38, 39, 40x²

R

-Right Angled

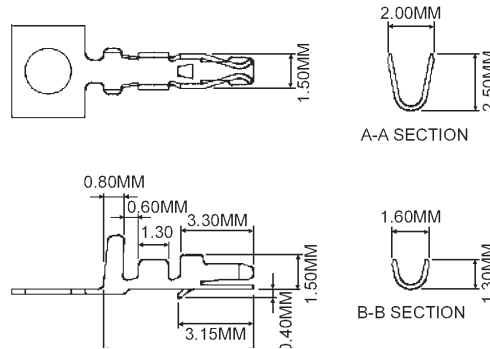
Terminal, 2.00MM (0.079") Pitch

Material:

Applicable wire: 22AWG ~ 26AWG
 Thickness: 0.2MM
 Insulation OD: ø1.35MM~1.70MM
 Phosphor Bronze
 Mates with ø0.50MM (0.020") pin
 Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 3.0A
 Voltage Rating: 250V AC, DC
 Insulation Resistance: >10MΩ Min.
 Withstanding Voltage: 800V AC (1 Min.)



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

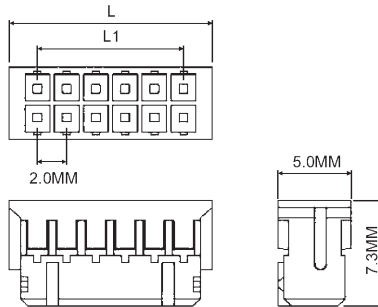
Assmann Part Number
 (Standard Stocking Item)

A-WT-20003-R

Housing & Wafer, 2.00MM (0.079") Pitch

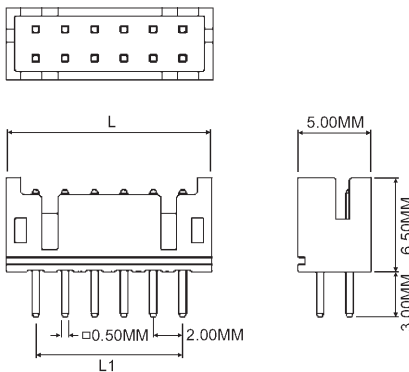
Housing:

Nylon 66, UL94V-0
 Circuits 6-32



Wafer:

Post: Brass, Tin plated
 Base: Nylon 66, UL94V-0
 Circuits 6-32
 Applicable PCB Thickness: 1.6MM
 Applicable: PCB Hole diameter: ø0.7MM±0.05MM



Circuits	Dimensions		Q'ty/bag
	L1	L	
6	4.00	7.90	1,000pcs
8	6.00	9.90	1,000pcs
10	8.00	11.90	1,000pcs
12	10.00	13.90	1,000pcs
14	12.00	15.90	1,000pcs
16	14.00	17.90	500pcs
18	16.00	19.90	500pcs
20	18.00	21.90	500pcs
22	20.00	23.90	500pcs
24	22.00	25.90	500pcs
26	24.00	27.90	500pcs
28	26.00	29.90	500pcs
30	28.00	31.90	500pcs
32	30.00	33.90	500pcs

Material:

Operating Temperature: -25°C~+85°C

Electrical:

UL No: E149293
 Current Rating: 3.0A
 Voltage Rating: 250V AC, DC
 Insulation Resistance: >10MΩ Min.
 Withstanding Voltage: 800V AC (1 Min.)



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number
 (Standard Stocking Item)

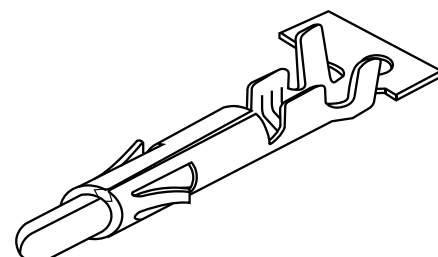
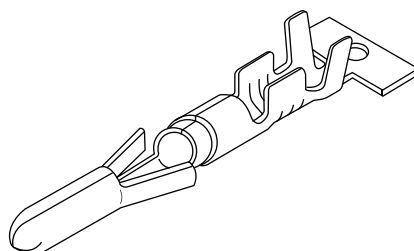
A-WDx1-x2-20002x3-x4-R

x ¹	H W	-Housing - Wafer	x ²	Circuits 06, 08, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32	x ³	- S	3.00MM Pin Length 4.30MM Pin Length	x ⁴	R	-Right Angled (Wafer Only)
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A0 Type Series

A0 Type Series

ASSMANN
Electronics, Inc.
Carries a wide range of
quality wire terminals.
Please review the partial
listing and call for the
complete line at
1-877-277-6266
or go to
www.assmann.us



Material:

Brass
Applicable wire: 18AWG-22AWG
Packaging Qty: 3,500pcs

Dimensions:

L 23.85MM
W 2.36MM
E 6.50MM
D ---
T 0.30MM



Material:

Brass
Applicable wire: 18AWG-22AWG
Packaging Qty: 7,000pcs

Dimensions:

L 18.10MM
W 1.30MM
E 11.50MM
D ---
T 0.20MM



Assmann Part Number
(Standard Stocking Item)

A-TA00230BS-2-R

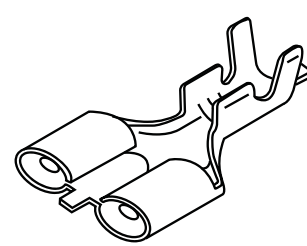
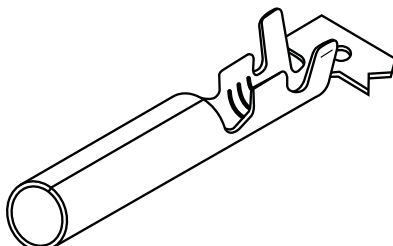
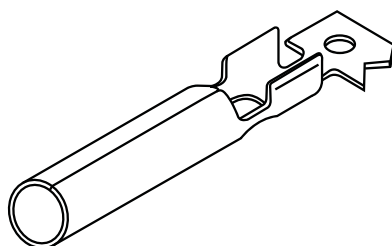
Assmann Part Number
(Standard Stocking Item)

A-TA00108BS-2-R

A1 Type Series

A1 Type Series

A2 Type Series



Material:

Brass
Applicable wire: 16AWG-20AWG
Packaging Qty: 7,500pcs

Dimensions:

L 16.30MM
W ---
E 9.70MM
D 1.98MM
T 0.35MM



Material:

Brass
Applicable wire: 24AWG-28AWG
Packaging Qty: 20,000pcs

Dimensions:

L 8.70MM
W ---
E 4.30MM
D 1.00MM
T 0.20MM



Material:

Brass
Applicable wire: 16AWG-20AWG
Packaging Qty: 4,000pcs

Dimensions:

L 19.70MM
W 11.00MM
E 8.00MM
D 3.50MM
T 0.30MM



Assmann Part Number
(Standard Stocking Item)

A-TA10223BS-R

Assmann Part Number
(Standard Stocking Item)

A-TA10224BS-R

Assmann Part Number
(Standard Stocking Item)

A-TA20401BS-R

ASSMANN Electronics, Inc. carries a wide range of Raw Cable/Hook-up Wire.
Please review the partial listing and call for the complete line **1-877-277-6266** or go to www.assmann.us

UL1007 Raw Cable/ Hook-up Wire

Solid or Stranded, 80°C, 300V, 500ft and 1,000ft length



Product Description

- Tinned, annealed, stranded or solid copper conductor
- Lead Free PVC Insulation
- Rated temperature: 80°C; Rated voltage 300Volts
- Passes UL VW-1&CSA FT1 Vertical Flame Test

Applications

- For general purpose internal wiring of electronic and electrical equipment

UL 1007 CSA TR-64	Range		Conductor		Insulation		Tolerance MM	Maximum Conductor Resistance Ω/km	(VAC/min) Insulation Potential Strength
	Temp °C	Voltage V	AWG	NO./MM	Thickness MM	O.D. MM			
Stranded	UL 80°C CSA 90 °C	300V	32	7/0.080	0.38	1.00	±0.10	703.0	2000
			30	7/0.100	0.38	1.10	±0.10	397.0	
			28	7/0.127	0.38	1.20	±0.10	248.0	
			26	7/0.160	0.38	1.30	±0.10	152.0	
			24	11/0.160	0.38	1.45	±0.10	88.60	
			22	17/0.160	0.38	1.60	±0.10	62.50	
			20	21/0.180	0.38	1.85	±0.10	39.50	
			18	34/0.180	0.38	2.10	±0.10	24.40	
Solid (TA)	UL 80°C CSA 90 °C	300V	16	26/0.254	0.38	2.40	±0.10	15.60	
			28	1/0.320	0.38	1.15	±0.10	232.1	
			26	1/0.404	0.38	1.25	±0.10	155.0	
			24	1/0.511	0.38	1.40	±0.10	92.40	
			22	1/0.643	0.38	1.55	±0.10	60.10	
			20	1/0.813	0.38	1.70	±0.10	37.00	
			18	1/1.020	0.38	1.96	±0.10	23.60	

Assmann Part Number (Standard Stocking Item)	AWG	Length	Type	Assmann Part Number (Standard Stocking Item)	AWG	Length	Type
AWG16/1007/SR-X-R	16	500ft or 1,000ft	Stranded	AWG32/1007/SR-X-R	32	500ft or 1,000ft	Stranded
AWG18/1007/SR-X-R	18	500ft or 1,000ft	Stranded	AWG18/1007/SO-X-R	18	500ft or 1,000ft	Solid
AWG20/1007/SR-X-R	20	500ft or 1,000ft	Stranded	AWG20/1007/SO-X-R	20	500ft or 1,000ft	Solid
AWG22/1007/SR-X-R	22	500ft or 1,000ft	Stranded	AWG22/1007/SO-X-R	22	500ft or 1,000ft	Solid
AWG24/1007/SR-X-R	24	500ft or 1,000ft	Stranded	AWG24/1007/SO-X-R	24	500ft or 1,000ft	Solid
AWG26/1007/SR-X-R	26	500ft or 1,000ft	Stranded	AWG26/1007/SO-X-R	26	500ft or 1,000ft	Solid
AWG28/1007/SR-X-R	28	500ft or 1,000ft	Stranded	AWG28/1007/SO-X-R	28	500ft or 1,000ft	Solid
AWG30/1007/SR-X-R	30	500ft or 1,000ft	Stranded				

More Equipment Wire on following pages

- Also available online through ASSMANN.us -

call for the complete line at **1-877-277-6266**

ASSMANN Electronics, Inc. carries a wide range of Raw Cable/Hook-up Cable.Please review the partial listing and call for the complete line **1-877-277-6266** or go to www.assmann.us**UL1015 Equipment Wire**

Solid or Stranded, 105°C, 600V, 500ft and 1,000ft length

Product Description

- Solid or stranded, tinned or bare copper conductor
- Lead Free PVC Insulation
- Rated temperature: 105°C; Rated voltage 600Volts
- Uniform thickness of wire to ensure easy stripping and cutting
 - ° Passes UL VW-1&CSA FT1 Vertical Flame Test

Applications

- ° For internal wiring of electronic and electrical equipment



UL 1015 CSA TEW	Range		Conductor		Insulation		Tolerance MM	Maximum Conductor Resistance Ω/km	(VAC/min) Insulation Potential Strength
	Temp °C	Voltage V	AWG	NO./MM	Thickness MM	O.D. MM			
Stranded	105°C	600V	26	7/0.160	0.76	2.08	±0.10	152.0	2000
			24	11/0.160	0.76	2.20	±0.10	88.6	
			22	17/0.160	0.76	2.40	±0.10	62.5	
			20	21/0.180	0.76	2.60	±0.10	39.5	
			18	34/0.180	0.76	2.80	±0.10	24.4	
			16	26/0.254	0.76	3.10	±0.10	15.6	
			14	41/0.254	0.76	3.50	±0.10	9.90	
			12	65/0.254	0.76	4.10	±0.10	6.24	
Solid(TA)	105°C	600V	10	105/0.254	0.76	5.10	±0.10	4.15	
			24	1/0.511	0.76	2.15	±0.10	92.4	
			22	1/0.643	0.76	2.30	±0.10	60.1	
			20	1/0.813	0.76	2.45	±0.10	37.0	
			18	1/1.020	0.76	2.72	±0.10	23.6	

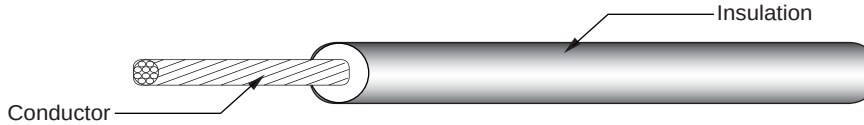
Assmann Part Number (Standard Stocking Item)	AWG	Length	Type	Assmann Part Number (Standard Stocking Item)	AWG	Length	Type
AWG10/1015/SR-X-R	10	500ft or 1,000ft	Stranded	AWG24/1015/SR-X-R	24	500ft or 1,000ft	Stranded
AWG12/1015/SR-X-R	12	500ft or 1,000ft	Stranded	AWG26/1015/SO-X-R	26	500ft or 1,000ft	Stranded
AWG14/1015/SR-X-R	14	500ft or 1,000ft	Stranded				
AWG16/1015/SR-X-R	16	500ft or 1,000ft	Stranded	AWG18/1015/SO-X-R	18	500ft or 1,000ft	Solid
AWG18/1015/SR-X-R	18	500ft or 1,000ft	Stranded	AWG20/1015/SO-X-R	20	500ft or 1,000ft	Solid
AWG20/1015/SR-X-R	20	500ft or 1,000ft	Stranded	AWG22/1015/SO-X-R	22	500ft or 1,000ft	Solid
AWG22/1015/SR-X-R	22	500ft or 1,000ft	Stranded	AWG24/1015/SO-X-R	24	500ft or 1,000ft	Solid

More Equipment wire on following pages**- Also available online through ASSMANN.us -**call for the complete line at **1-877-277-6266**

ASSMANN Electronics, Inc. carries a wide range of Raw Cable/Hook-up Cable.
Please review the partial listing and call for the complete line **1-877-277-6266** or go to www.assmann.us

UL Equipment Wire

Solid or Stranded, 500ft and 1,000ft length



Product Description

- Solid or stranded, tinned or bare copper conductor
- Uniform thickness of wire to ensure easy stripping and cutting
- Passes UL VW-1&CSA FT1 Vertical Flame Test

Applications

- For internal wiring of electronic and electrical equipment

Category	Item	Rated Temp °C	Rated Voltage	Insulation
Electronic Hook-Up Wire	UL1010	105 °C	300 V	NYLON
	UL1011	80 °C	600 V	PVC
	UL1013	90 °C	600 V	PVC
	UL1028	105 °C	600 V	PVC
	UL1032	90 °C	DC-1200 V	PVC
	UL1061	80 °C	300 V	SR-PVC
	UL1095	80 °C	300 V	PVC
	UL1283	105 °C	600 V	PVC
	UL1316	105 °C	600 V	NYLON
	UL1429	80 °C	150 V	XL-PVC
	UL1430	105 °C	300 V	XL-PVC
	UL1431	105 °C	600 V	XL-PVC
	UL1497	105 °C	300 V	PVC
	UL1500	105 °C	600 V	PVC
	UL1569	105 °C	300 V	PVC
	UL1571	80 °C	30 V	PVC
	UL1581	80 °C	300 V	PVC
	UL1617	105 °C	600 V	PVC
	UL1618	80 °C	300 V	PVC
	UL1672	105 °C	300V	PVC
	UL1674	105 °C	300 V	PVC
	UL1685	105 °C	30 V	PVC
	UL3443	105 °C	300 V	XL-PVC
	UL3610	150 °C	300 V	XL-PVC
	UL20276	80 °C	30 V	SR-PVC
Silicone Rubber Wire	UL3122	200 °C	300 V	Silicone Rubber
	UL3132	150 °C	300 V	Silicone Rubber
	UL3135	200 °C	600 V	Silicone Rubber
	UL3239	150 °C	3KV-30KV	Silicone Rubber
	UL3367	200 °C	600 V	Silicone Rubber
	UL3512	200 °C	600 V	Silicone Rubber
	UL3587	150 °C	3KV	Silicone Rubber

Category	Item	Rated Temp °C	Rated Voltage	Insulation
Non-PVC Wire	UL3173	125 °C	600 V	XL-PE
	UL3265	125 °C	150 V	XL-PE
	UL3266	125 °C	300 V	XL-PE
	UL3271	125 °C	600 V	XL-PE
	UL3275	105 °C	1,000 V	XL-PE
	UL3289	150 °C	600 V	XL-PE
	UL3302	105 °C	30 V	XL-PE
	UL3321	105 °C	600 V	XL-PE
	UL3364	125 °C	600 V	XL-PE
	UL3369	125 °C	600 V	XL-PE
	UL3385	105 °C	300 V	XL-PE
	UL3386	105 °C	600 V	XL-PE
	UL3398	150 °C	300 V	XL-PE
	UL3406	125 °C	3,000 V	XL-PE
	UL3463	105 °C	30 V	XL-PE
	UL3464	125 °C	30 V	XL-PE
	UL3613	150 °C	3,000 V	XL-PE
	UL3615	90 °C	1,000 V	XL-PE
	UL3633	150 °C	3,000 V	XL-PE
	UL10368	105 °C	300 V	XL-PE
Compu-ter Cable	UL2464	80 °C	300 V	PVC & SR-PVC
	UL20276	80 °C	30 V	PVC & SR-PVC
Shielded Wire	UL1185	80 °C	300 V	PVC
	UL1533	80 °C	30 V	PVC & SR-PVC
	UL1571	80 °C	30 V	PVC
	UL2096	80 °C	300 V	PVC
	UL2547	80 °C	300 V	PVC & SR-PVC
	UL2562	80 °C	300 V	PVC
	UL2851	80 °C	30 V	PVC
	UL2854	80 °C	30 V	PVC
	UL20005	80 °C	30 V	PVC & SR-PVC

USB & IEEE
IDC & Flat Ribbon
IC, PLCC, Pin & Jumpers
DSub & Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA & eSATA
FFC/FFC
MiniDIN & Audio
KVM Cables

UL Equipment Wire

Solid or Stranded, 500ft and 1,000ft length

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin
DSUB &
Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FPC
MinidIN &
Audio
KVM Cables

Category	Item	Rated Temp °C	Rated Voltage	Insulation
Power Cord	UL2733	105 °C	600 V	PVC
	UL SPT	105 °C	600 V	PVC
Teflon Wire	UL1164	150 °C	300 V	ETFE
	UL1180	200 °C	300 V	ETFE
	UL1198	150 °C	600 V	ETFE
	UL1199	200 °C	No Defined	ETFE
	UL1212	80 °C	No Defined	ETFE
	UL1213	105 °C	No Defined	ETFE
	UL1226	80 °C	No Defined	FEP
	UL1227	105 °C	No Defined	FEP
	UL1330	200 °C	600 V	FEP
	UL1331	150 °C	600 V	FEP
	UL1332	200 °C	300 V	FEP
	UL1333	150 °C	300 V	FEP
	UL1371	105 °C	No Defined	FEP
	UL1423	105 °C	No Defined	PVDF

Category	Item	Rated Temp °C	Rated Voltage	Insulation
Teflon Wire	UL1516	105 °C	No Defined	ETFE
	UL1538	105 °C	125 V	FEP & PFA
	UL1577	200 °C	No Defined	FEP
	UL1584	200 °C	1,000 V	ETFE
	UL1591	150 °C	300 V	FEP
	UL1592	200 °C	300 V	FEP
	UL1709	200 °C	300 V	PFA
	UL1710	200 °C	600 V	PFA
	UL1723	200 °C	No Defined	FEP & ETFE
	UL1726	250 °C	300 V	PFA & MFA
	UL10064	105 °C	30 V	FEP & ETFE
	UL10109	200 °C	300 V	ETFE
	UL10362	250 °C	600 V	PFA
Ribbon Wire	UL2444	80 °C	300 V	PVC
	UL20080	105 °C	30 V	SR-PVC & PVC
	UL2468	80 °C	300 V	PVC

Cord Sets-Power Supply Cords				
	ANST / NEMA	Cord	Cord Type	Electrical Rating
Cat. No.	WD6 Config	AWG	Rated Voltage	Amps V
JLL-101, JLL-101A	1-15P	18/2	SPT-1, NISP-1, SPT-2, NISPT-2, HPN	10/125
		16/2	SPT-2, NISPT-2, HPN	13/125
JLL-301	5-15P	18/3	SVT, SJT, SJTW, ST, STW	10/125
		17/3	SVT, SJT, SJTW, ST, STW	12/125
		16/3	SVT, SJT, SJTW, ST, STW	13/125
		14/3	SJT, SJTW, ST, STW	15/125
JLL-301L	5-15P	18/3	SVT, SJT, SJTW, ST, STW	10/125
		17/3	SVT	12/125
		16/3	SVT, SJT, SJTW, ST, STW	13/125
		14/3	SJT, SJTW, ST, STW	15/125

Cord Sets-Power Supply Cords				
		Cord	Cord Type	Electrical Rating
Cat. No.	IEC 320 Config	AWG		Amps V
JLL-302	C13	18/3	SVT, SJT, SJTW, ST, STW	10/125
		17/3	SVT	13/125
		16/3	SPT-3, SVT, SJT, SJTW, ST, STW	10/125
		14/3	SJT, SJTW, ST, STW	12/125
	C13	18/3	SVT, SJT, SJTW, ST, STW	13/125
		17/3	SVT	15/125
	C7	18/2	SPT-1, NISPT-1, SPT-2, NISPT-2	10/125
	C7	18/3	SPT-3, SVT, SJT, SJTW, ST, STW	13/125
		17/3	SVT	15/125
		16/3	SPT-3, SVT, SJT, SJTW, ST, STW	
		14/3	SJT, SJTW, ST, STW	

Cord	Cord Type
Parallel Cords: Thermoplastic	SPT-1, SPT-2, SPT-3, SPT-1W, SPT-2W, NISPT-1, NISPT-2
Jacket Cords	SVT, SJT, SJTW, ST, STW
Decorative Lighting Cords & Wires	XTW, CXTW