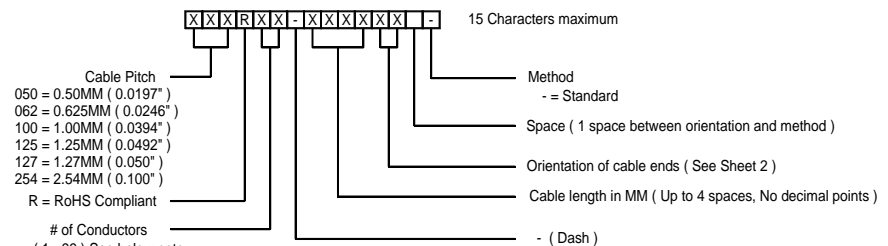


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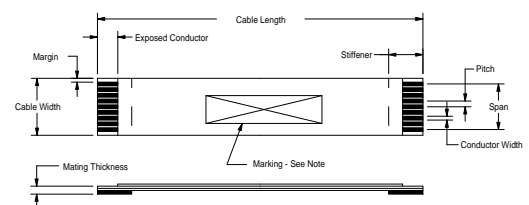
### Standard Part Numbering Configuration



Parlex Standard ZIF Style Cables Part Numbering Configurations and General Specifications

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 1 OF 4

### Standard ZIF Cable - Same side exposure



Notes:  
 Cable Width = ( # of conductors +1 ) ( Pitch )  
 Span = ( # of conductors -1 ) ( Pitch )  
 Mating Thickness = .012" ( .305mm )  
 Insulation = .002" Polyester with .0015" Flame Retardent Adhesive  
 Conductors = Copper Tin Plated  
 Temperature rating = -55°C to 105°C  
 Dielectric Strength = 2500 Volts/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm min.  
 Marking - Minimum marking to be " PARLEX and Date Code ". On cables where spacing does not allow parts will not be marked.

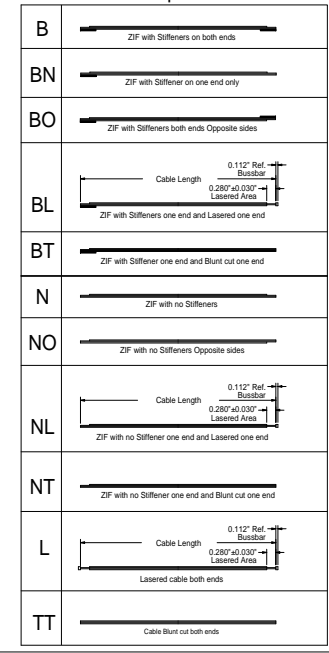
Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
0197" ( 500mm )	.014" ( 356mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	011" ( 280mm )	20890	50 AMPS
0246" ( 625mm )	.017" ( 422mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	016" ( 406mm )	20890	50 AMPS
025" ( 635mm )	.020" ( 495mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	011" ( 280mm )	20890	50 AMPS
0315" ( 800mm )	.023" ( 572mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	019" ( 483mm )	20566	80 AMPS
0394" ( 1.00mm )	.026" ( 660mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	026" ( 660mm )	20566	1.5 AMPS
0492" ( 1.25mm )	.033" ( 845mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( 0.076mm )	0315" ( 800mm )	20566 & 2643	2.0 AMPS
050" ( 1.27mm )	.034" ( 864mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( 0.076mm )	0315" ( 800mm )	20566 & 2643	2.0 AMPS
100" ( 2.54mm )	.069" ( 1.753mm )	240" ( 6.096mm )	394" ( 10mm )	.003" ( 0.076mm )	.062" ( 1.575mm )	2643	3.0 AMPS

UL Style # Notes  
 20890 = .008" Min spacing between conductors, Voltage rating = 90 Volts  
 20566 = .010" Min spacing between conductors, Voltage rating = 90 Volts  
 2643 = .016" Min spacing between conductors, Voltage rating = 300 Volts

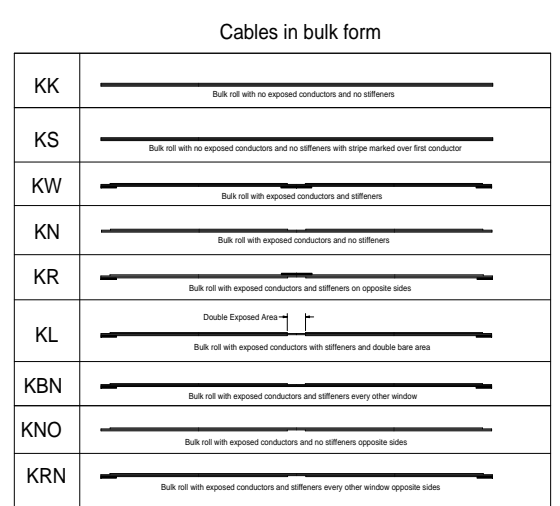
Dimension	Standard Tolerances
Cable Length	0-3" ±.050" ( 1.27mm )
	3'-6" ±.060" ( 1.524mm )
	6'-12" ±.070" ( 1.778mm )
	12'-18" ±.110" ( 2.794mm )
	18'-24" ±.120" ( 3.048mm )
	24'-36" ±.150" ( 3.810mm )
	Over 36" ±1% OF LENGTH
Exposed Conductor Length	±.030" ( 0.76mm )
Stiffener Length	±.050" ( 1.27mm )
Pitch	±.005" ( .127MM )
Span	±.005" ( .127MM )
Margin	±.005" ( .127MM )
Cable Width	±.005" ( .127MM )

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 3 OF 4

### Cables in piece form

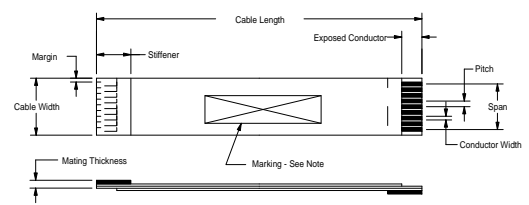


### Cable end orientations



SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 2 OF 4

### Standard ZIF Cable - Reverse side exposure



Notes:  
 Cable Width = ( # of conductors +1 ) ( Pitch )  
 Span = ( # of conductors -1 ) ( Pitch )  
 Mating Thickness = .012" ( .305mm )  
 Insulation = .002" Polyester with .0015" Flame Retardent Adhesive  
 Conductors = Copper Tin Plated  
 Temperature rating = -55°C to 105°C  
 Dielectric Strength = 2500 Volts/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm min.  
 Marking - Minimum marking to be " PARLEX and Date Code ". On cables where spacing does not allow parts will not be marked.

Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
0197" ( 500mm )	.014" ( 356mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	011" ( 280mm )	20890	50 AMPS
0246" ( 625mm )	.017" ( 422mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	016" ( 406mm )	20890	50 AMPS
025" ( 635mm )	.020" ( 495mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	011" ( 280mm )	20890	50 AMPS
0315" ( 800mm )	.023" ( 572mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	019" ( 483mm )	20566	80 AMPS
0394" ( 1.00mm )	.026" ( 660mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	026" ( 660mm )	20566	1.5 AMPS
0492" ( 1.25mm )	.033" ( 845mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( 0.076mm )	0315" ( 800mm )	20566 & 2643	2.0 AMPS
050" ( 1.27mm )	.034" ( 864mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( 0.076mm )	0315" ( 800mm )	20566 & 2643	2.0 AMPS
100" ( 2.54mm )	.069" ( 1.753mm )	240" ( 6.096mm )	394" ( 10mm )	.003" ( 0.076mm )	.062" ( 1.575mm )	2643	3.0 AMPS

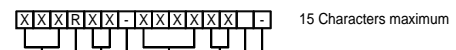
UL Style # Notes  
 20890 = .008" Min spacing between conductors, Voltage rating = 90 Volts  
 20566 = .010" Min spacing between conductors, Voltage rating = 90 Volts  
 2643 = .016" Min spacing between conductors, Voltage rating = 300 Volts

Dimension	Standard Tolerances
Cable Length	0-3" ±.075" ( 1.905mm )
	3'-6" ±.100" ( 2.54mm )
	6'-12" ±.125" ( 3.175mm )
	12'-18" ±.150" ( 3.810mm )
	18'-24" ±.200" ( 5.08mm )
	24'-36" ±.250" ( 6.35mm )
	Over 36" ±1% OF LENGTH
Exposed Conductor Length	±.030" ( 0.76mm )
Stiffener Length	±.050" ( 1.27mm )
Pitch	±.005" ( .127MM )
Span	±.005" ( .127MM )
Margin	±.005" ( .127MM )
Cable Width	±.005" ( .127MM )

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 4 OF 4

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### Standard Part Numbering Configuration



- Cable Pitch  
 050 = 0.50MM ( 0.0197" )  
 062 = 0.625MM ( 0.0246" )  
 100 = 1.00MM ( 0.0394" )  
 125 = 1.25MM ( 0.0492" )  
 127 = 1.27MM ( 0.050" )  
 254 = 2.54MM ( 0.100" )  
 R = RoHS Compliant
- Method  
 - = Standard
- Space ( 1 space between orientation and method )
- Orientation of cable ends ( See Sheet 2 )
- Cable length in MM ( Up to 4 spaces, No decimal points )
- ( Dash )

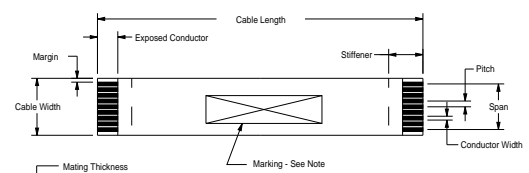
# of Conductors  
 ( 1 - 99 ) See below note  
 ( For cables with less than 10  
 Conductors use only 1 number  
 Ex. 100R8-125B - )



Parlex Standard ZIF Style Cables Part Numbering Configurations and General Specifications

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 1 OF 4

### Standard ZIF Cable - Same side exposure



Notes:  
 Cable Width = ( # of conductors +1 ) ( Pitch )  
 Span = ( # of conductors -1 ) ( Pitch )  
 Mating Thickness = .012" ( .305mm )  
 Insulation = .002" Polyester with .0015" Flame Retardent Adhesive  
 Conductors = Copper Tin Plated  
 Temperature rating = -55°C to 105°C  
 Dielectric Strength = 2500 Volts/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm min.  
 Marking - Minimum marking to be " PARLEX and Date Code ". On cables where spacing does not allow parts will not be marked.

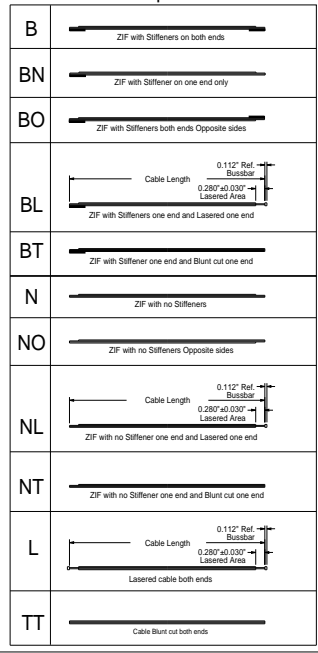
Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
0197" ( 5.00mm )	.014" ( .356mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	011" ( 280mm )	20890	50 AMPS
0246" ( 6.25mm )	.017" ( .422mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	016" ( 406mm )	20890	50 AMPS
025" ( 6.35mm )	.020" ( .495mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	011" ( 280mm )	20890	50 AMPS
0315" ( 8.00mm )	.023" ( .572mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	019" ( 483mm )	20566	80 AMPS
0394" ( 10.00mm )	.026" ( .660mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	025" ( 660mm )	20566	1.5 AMPS
0492" ( 12.5mm )	.033" ( .845mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( .076mm )	0315" ( 8.00mm )	20566 & 2643	2.0 AMPS
050" ( 1.27mm )	.034" ( .864mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( .076mm )	0315" ( 8.00mm )	20566 & 2643	2.0 AMPS
100" ( 2.54mm )	.069" ( 1.753mm )	240" ( 6.096mm )	394" ( 10mm )	.003" ( .076mm )	.062" ( 1.575mm )	2643	3.0 AMPS

UL Style # Notes  
 20890 = .008" Min spacing between conductors, Voltage rating = 90 Volts  
 20566 = .010" Min spacing between conductors, Voltage rating = 90 Volts  
 2643 = .016" Min spacing between conductors, Voltage rating = 300 Volts

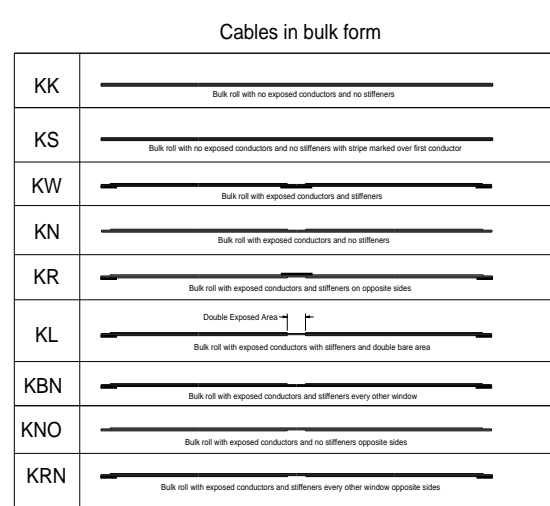
Dimension	Standard Tolerances
Cable Length	0-3' ±.050" ( 1.27mm )
	3'-6' ±.060" ( 1.524mm )
	6'-12' ±.070" ( 1.778mm )
	12'-18' ±.110" ( 2.794mm )
	18'-24' ±.120" ( 3.048mm )
	24'-36' ±.150" ( 3.810mm )
	Over 36' ±1% OF LENGTH
Exposed Conductor Length	±.030" ( .762mm )
Stiffener Length	±.050" ( 1.27mm )
Pitch	±.005" ( .127MM )
Span	±.005" ( .127MM )
Margin	±.005" ( .127MM )
Cable Width	±.005" ( .127MM )

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 3 OF 4

### Cables in piece form

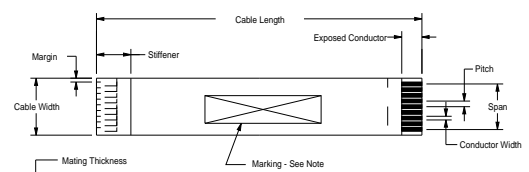


### Cable end orientations



SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 2 OF 4

### Standard ZIF Cable - Reverse side exposure



Notes:  
 Cable Width = ( # of conductors +1 ) ( Pitch )  
 Span = ( # of conductors -1 ) ( Pitch )  
 Mating Thickness = .012" ( .305mm )  
 Insulation = .002" Polyester with .0015" Flame Retardent Adhesive  
 Conductors = Copper Tin Plated  
 Temperature rating = -55°C to 105°C  
 Dielectric Strength = 2500 Volts/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm min.  
 Marking - Minimum marking to be " PARLEX and Date Code ". On cables where spacing does not allow parts will not be marked.

Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
0197" ( 5.00mm )	.014" ( .356mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	011" ( 280mm )	20890	50 AMPS
0246" ( 6.25mm )	.017" ( .422mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	016" ( 406mm )	20890	50 AMPS
025" ( 6.35mm )	.020" ( .495mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	011" ( 280mm )	20890	50 AMPS
0315" ( 8.00mm )	.023" ( .572mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	019" ( 483mm )	20566	80 AMPS
0394" ( 10.00mm )	.026" ( .660mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	025" ( 660mm )	20566	1.5 AMPS
0492" ( 12.5mm )	.033" ( .845mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( .076mm )	0315" ( 8.00mm )	20566 & 2643	2.0 AMPS
050" ( 1.27mm )	.034" ( .864mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( .076mm )	0315" ( 8.00mm )	20566 & 2643	2.0 AMPS
100" ( 2.54mm )	.069" ( 1.753mm )	240" ( 6.096mm )	394" ( 10mm )	.003" ( .076mm )	.062" ( 1.575mm )	2643	3.0 AMPS

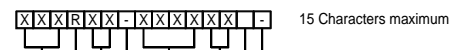
UL Style # Notes  
 20890 = .008" Min spacing between conductors, Voltage rating = 90 Volts  
 20566 = .010" Min spacing between conductors, Voltage rating = 90 Volts  
 2643 = .016" Min spacing between conductors, Voltage rating = 300 Volts

Dimension	Standard Tolerances
Cable Length	0-3' ±.075" ( 1.905mm )
	3'-6' ±.100" ( 2.54mm )
	6'-12' ±.125" ( 3.175mm )
	12'-18' ±.150" ( 3.810mm )
	18'-24' ±.200" ( 5.08mm )
	24'-36' ±.250" ( 6.35mm )
	Over 36' ±1% OF LENGTH
Exposed Conductor Length	±.030" ( .762mm )
Stiffener Length	±.050" ( 1.27mm )
Pitch	±.005" ( .127MM )
Span	±.005" ( .127MM )
Margin	±.005" ( .127MM )
Cable Width	±.005" ( .127MM )

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 4 OF 4

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### Standard Part Numbering Configuration



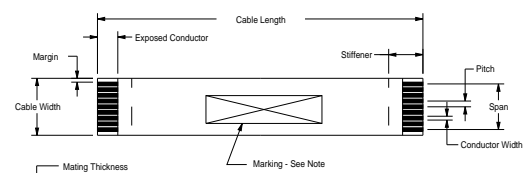
- Cable Pitch  
 050 = 0.50MM ( 0.0197" )  
 062 = 0.625MM ( 0.0246" )  
 100 = 1.00MM ( 0.0394" )  
 125 = 1.25MM ( 0.0492" )  
 127 = 1.27MM ( 0.050" )  
 254 = 2.54MM ( 0.100" )  
 R = RoHS Compliant
- Method  
 - = Standard
- Space ( 1 space between orientation and method )
- Orientation of cable ends ( See Sheet 2 )
- Cable length in MM ( Up to 4 spaces, No decimal points )
- # of Conductors ( 1 - 99 ) See below note  
 ( For cables with less than 10 Conductors use only 1 number  
 Ex. 100R8-125B - )
- ( Dash )



Parlex Standard ZIF Style Cables Part Numbering Configurations and General Specifications

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 1 OF 4

### Standard ZIF Cable - Same side exposure



Notes:  
 Cable Width = ( # of conductors +1 ) ( Pitch )  
 Span = ( # of conductors -1 ) ( Pitch )  
 Mating Thickness = .012" ( .305mm )  
 Insulation = .002" Polyester with .0015" Flame Retardent Adhesive  
 Conductors = Copper Tin Plated  
 Temperature rating = -55°C to 105°C  
 Dielectric Strength = 2500 Volts/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm min.  
 Marking - Minimum marking to be " PARLEX and Date Code ". On cables where spacing does not allow parts will not be marked.

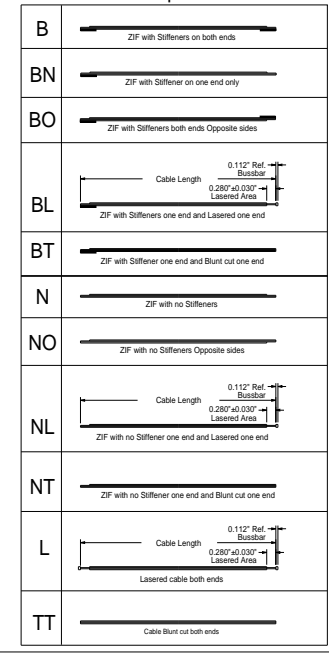
Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
0197" ( 5.00mm )	.014" ( .356mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	011" ( 280mm )	20890	50 AMPS
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025" ( 6.35mm )	.020" ( 4.95mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	011" ( 280mm )	20890	50 AMPS
0315" ( 8.00mm )	.023" ( 5.72mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	019" ( 483mm )	20566	80 AMPS
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0492" ( 12.5mm )	.033" ( 8.45mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( .076mm )	0315" ( 8.00mm )	20566 & 2643	2.0 AMPS
050" ( 1.27mm )	.034" ( 8.64mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( .076mm )	0315" ( 8.00mm )	20566 & 2643	2.0 AMPS
100" ( 2.54mm )	.069" ( 1.753mm )	240" ( 6.096mm )	394" ( 10mm )	.003" ( .076mm )	.062" ( 1.575mm )	2643	3.0 AMPS

UL Style # Notes  
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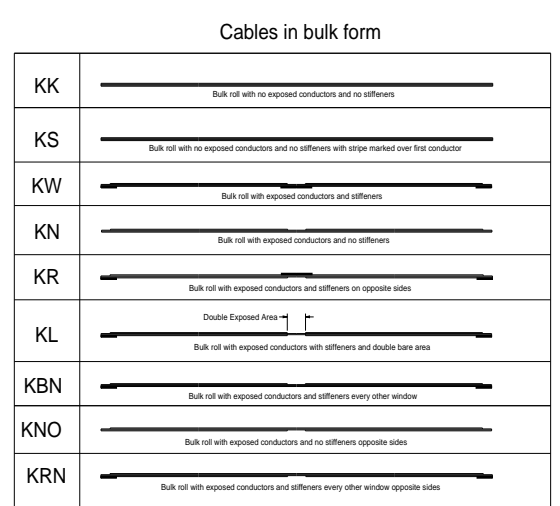
Dimension	Standard Tolerances
Cable Length	0-3' ±.050" ( 1.27mm )
	3'-6' ±.060" ( 1.524mm )
	6'-12' ±.070" ( 1.778mm )
	12'-18' ±.110" ( 2.794mm )
	18'-24' ±.120" ( 3.048mm )
	24'-36' ±.150" ( 3.810mm )
	Over 36' ±1% OF LENGTH
Exposed Conductor Length	±.030" ( 0.76mm )
Stiffener Length	±.050" ( 1.27mm )
Pitch	±.005" ( .127MM )
Span	±.005" ( .127MM )
Margin	±.005" ( .127MM )
Cable Width	±.005" ( .127MM )

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 3 OF 4

### Cables in piece form

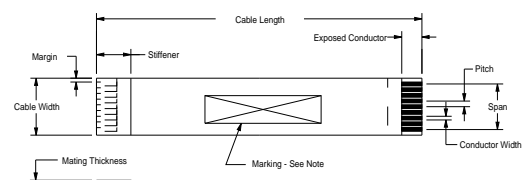


### Cable end orientations



SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 2 OF 4

### Standard ZIF Cable - Reverse side exposure



Notes:  
 Cable Width = ( # of conductors +1 ) ( Pitch )  
 Span = ( # of conductors -1 ) ( Pitch )  
 Mating Thickness = .012" ( .305mm )  
 Insulation = .002" Polyester with .0015" Flame Retardent Adhesive  
 Conductors = Copper Tin Plated  
 Temperature rating = -55°C to 105°C  
 Dielectric Strength = 2500 Volts/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm min.  
 Marking - Minimum marking to be " PARLEX and Date Code ". On cables where spacing does not allow parts will not be marked.

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025" ( 6.35mm )	.020" ( 4.95mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	011" ( 280mm )	20890	50 AMPS
0315" ( 8.00mm )	.023" ( 5.72mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	019" ( 483mm )	20566	80 AMPS
0394" ( 10.00mm )	.026" ( 6.60mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( .076mm )	026" ( 660mm )	20566	1.5 AMPS
0492" ( 12.5mm )	.033" ( 8.45mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( .076mm )	0315" ( 8.00mm )	20566 & 2643	2.0 AMPS
050" ( 1.27mm )	.034" ( 8.64mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( .076mm )	0315" ( 8.00mm )	20566 & 2643	2.0 AMPS
100" ( 2.54mm )	.069" ( 1.753mm )	240" ( 6.096mm )	394" ( 10mm )	.003" ( .076mm )	.062" ( 1.575mm )	2643	3.0 AMPS

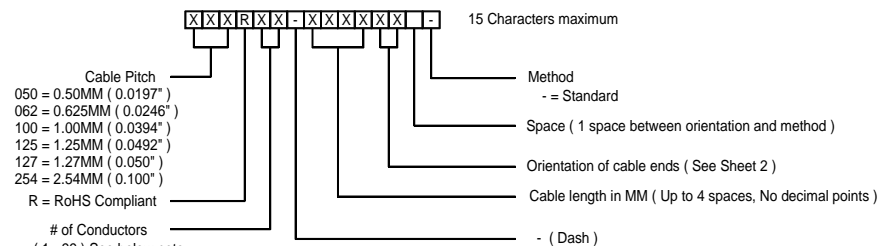
UL Style # Notes  
 20890 = .008" Min spacing between conductors, Voltage rating = 90 Volts  
 20566 = .010" Min spacing between conductors, Voltage rating = 90 Volts  
 2643 = .016" Min spacing between conductors, Voltage rating = 300 Volts

Dimension	Standard Tolerances
Cable Length	0-3' ±.075" ( 1.905mm )
	3'-6' ±.100" ( 2.54mm )
	6'-12' ±.125" ( 3.175mm )
	12'-18' ±.150" ( 3.810mm )
	18'-24' ±.200" ( 5.08mm )
	24'-36' ±.250" ( 6.35mm )
	Over 36' ±1% OF LENGTH
Exposed Conductor Length	±.030" ( 0.76mm )
Stiffener Length	±.050" ( 1.27mm )
Pitch	±.005" ( .127MM )
Span	±.005" ( .127MM )
Margin	±.005" ( .127MM )
Cable Width	±.005" ( .127MM )

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 4 OF 4

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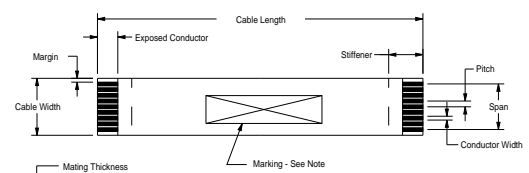
### Standard Part Numbering Configuration



Parlex Standard ZIF Style Cables Part Numbering Configurations and General Specifications

SIZE	FSCM	PS-3705	Rev.
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SCALE	NA		SHEET 1 OF 4

### Standard ZIF Cable - Same side exposure



Notes:  
 Cable Width = ( # of conductors +1 ) ( Pitch )  
 Span = ( # of conductors -1 ) ( Pitch )  
 Mating Thickness = .012" ( .305mm )  
 Insulation = .002" Polyester with .0015" Flame Retardent Adhesive  
 Conductors = Copper Tin Plated  
 Temperature rating = -55°C to 105°C  
 Dielectric Strength = 2500 Volts/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm min.  
 Marking - Minimum marking to be " PARLEX and Date Code ". On cables where spacing does not allow parts will not be marked.

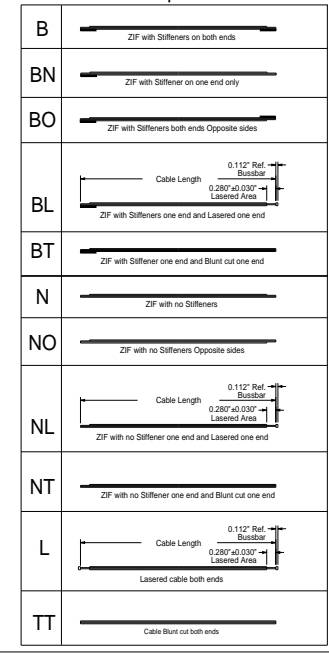
Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
0197" ( 500mm )	.014" ( 356mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	011" ( 280mm )	20890	50 AMPS
0246" ( 625mm )	.017" ( 422mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	016" ( 406mm )	20890	50 AMPS
025" ( 635mm )	.020" ( 495mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	011" ( 280mm )	20890	50 AMPS
0315" ( 800mm )	.023" ( 572mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	019" ( 483mm )	20566	80 AMPS
0394" ( 1.00mm )	.026" ( 660mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	026" ( 660mm )	20566	1.5 AMPS
0492" ( 1.25mm )	.033" ( 845mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( 0.076mm )	0315" ( 800mm )	20566 & 2643	2.0 AMPS
050" ( 1.27mm )	.034" ( 864mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( 0.076mm )	0315" ( 800mm )	20566 & 2643	2.0 AMPS
100" ( 2.54mm )	.069" ( 1.753mm )	240" ( 6.096mm )	394" ( 10mm )	.003" ( 0.076mm )	.062" ( 1.575mm )	2643	3.0 AMPS

UL Style # Notes  
 20890 = .008" Min spacing between conductors, Voltage rating = 90 Volts  
 20566 = .010" Min spacing between conductors, Voltage rating = 90 Volts  
 2643 = .016" Min spacing between conductors, Voltage rating = 300 Volts

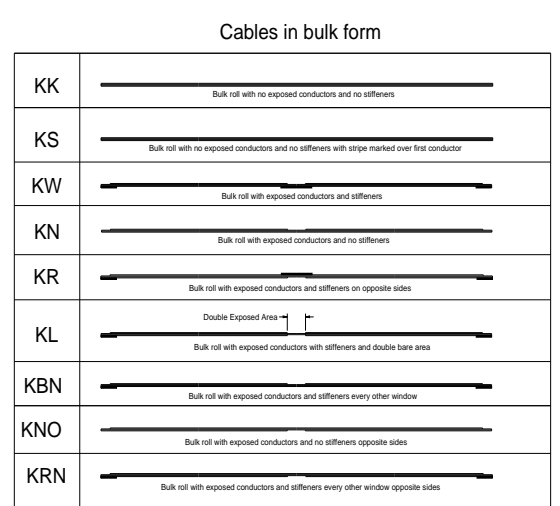
Dimension	Standard Tolerances
Cable Length	0-3' ±.050" ( 1.27mm )
	3'-6' ±.060" ( 1.524mm )
	6'-12' ±.070" ( 1.778mm )
	12'-18' ±.110" ( 2.794mm )
	18'-24' ±.120" ( 3.048mm )
	24'-36' ±.150" ( 3.810mm )
	Over 36' ±1% OF LENGTH
Exposed Conductor Length	±.030" ( 0.76mm )
Stiffener Length	±.050" ( 1.27mm )
Pitch	±.005" ( .127MM )
Span	±.005" ( .127MM )
Margin	±.005" ( .127MM )
Cable Width	±.005" ( .127MM )

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### Cables in piece form

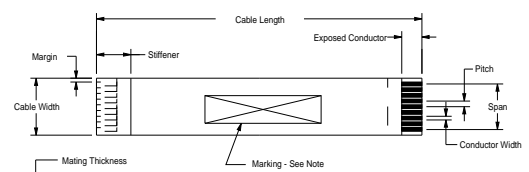


### Cable end orientations



SIZE	FSCM	PS-3705	Rev.
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SCALE	NA		SHEET 2 OF 4

### Standard ZIF Cable - Reverse side exposure



Notes:  
 Cable Width = ( # of conductors +1 ) ( Pitch )  
 Span = ( # of conductors -1 ) ( Pitch )  
 Mating Thickness = .012" ( .305mm )  
 Insulation = .002" Polyester with .0015" Flame Retardent Adhesive  
 Conductors = Copper Tin Plated  
 Temperature rating = -55°C to 105°C  
 Dielectric Strength = 2500 Volts/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm min.  
 Marking - Minimum marking to be " PARLEX and Date Code ". On cables where spacing does not allow parts will not be marked.

Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
0197" ( 500mm )	.014" ( 356mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	011" ( 280mm )	20890	50 AMPS
0246" ( 625mm )	.017" ( 422mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	016" ( 406mm )	20890	50 AMPS
025" ( 635mm )	.020" ( 495mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	011" ( 280mm )	20890	50 AMPS
0315" ( 800mm )	.023" ( 572mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	019" ( 483mm )	20566	80 AMPS
0394" ( 1.00mm )	.026" ( 660mm )	140" ( 3.556mm )	237" ( 6mm )	.003" ( 0.076mm )	026" ( 660mm )	20566	1.5 AMPS
0492" ( 1.25mm )	.033" ( 845mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( 0.076mm )	0315" ( 800mm )	20566 & 2643	2.0 AMPS
050" ( 1.27mm )	.034" ( 864mm )	170" ( 4.318mm )	294" ( 7.5mm )	.003" ( 0.076mm )	0315" ( 800mm )	20566 & 2643	2.0 AMPS
100" ( 2.54mm )	.069" ( 1.753mm )	240" ( 6.096mm )	394" ( 10mm )	.003" ( 0.076mm )	.062" ( 1.575mm )	2643	3.0 AMPS

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Cable Length	0-3' ±.075" ( 1.905mm )
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	12'-18' ±.150" ( 3.810mm )
	18'-24' ±.200" ( 5.08mm )
	24'-36' ±.250" ( 6.35mm )
	Over 36' ±1% OF LENGTH
Exposed Conductor Length	±.030" ( 0.76mm )
Stiffener Length	±.050" ( 1.27mm )
Pitch	±.005" ( .127MM )
Span	±.005" ( .127MM )
Margin	±.005" ( .127MM )
Cable Width	±.005" ( .127MM )

SIZE	FSCM	PS-3705	Rev.
B	18377		-
SCALE	NA		SHEET 4 OF 4

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