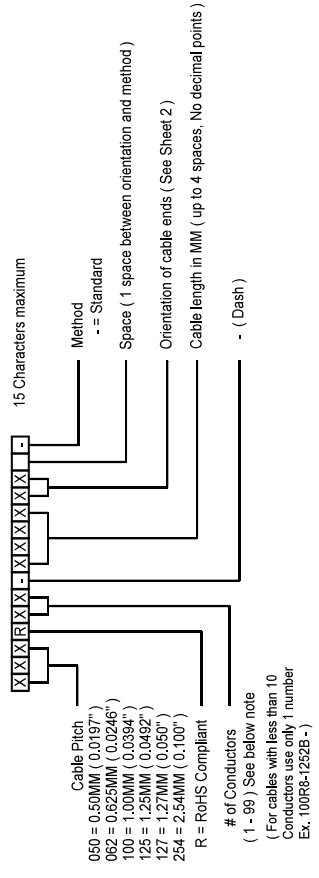


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LTB	INITIAL RELEASE	DESCRIPTION	DATE
-			8/1/2013
			APPROV

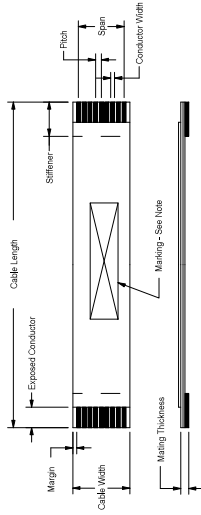
### Standard Part Numbering Configuration



MATERIAL		PARLEX CORPORATION ONE PARLEX PLACE METHUEN, MA 01844	
DR	P. WALSH	DATE	8/1/2013
CHK		LAMINATED CABLE DIVISION	
ENG	P. WALSH	Parlex Standard ZIF Style Cables Part Numbering Configurations and General Specifications	
APPD		SIZE	B
		FSD#	18377
		SCALE	MA
		REV.	PS-3705
			SHEET 1 OF 4

Cables in piece form		Cables in bulk form	
B	ZIF with stiffeners on both ends	KK	Bulk roll with no exposed conductors and no stiffeners
BN	ZIF with stiffener on one end only	KS	Bulk roll with no exposed conductors and no stiffeners with edge marked over first conductor
BO	ZIF with stiffeners on both ends, Opposite sides	KW	Bulk roll with no exposed conductors and no stiffeners
BL	0.112" Red Bonnet Cable Length 0.260" (6.60mm) ZIF with stiffeners on one end and Labeled one end	KN	Bulk roll with exposed conductors and no stiffeners
BT	ZIF with stiffener one end and Blank on one end	KR	Bulk roll with exposed conductors and stiffeners on opposite sides
N	ZIF with no stiffeners	KL	Double Exposed Area Bulk roll with exposed conductors with stiffeners and double base area
NO	ZIF with no stiffeners Opposite sides	KBN	Bulk roll with exposed conductors and stiffeners every other window
NL	0.112" Red Bonnet Cable Length 0.260" (6.60mm) ZIF with no stiffener one end and Labeled one end	KNO	Bulk roll with exposed conductors and no stiffeners opposite sides
NT	ZIF with no stiffener one end and Blank on one end	KRN	Bulk roll with exposed conductors and stiffeners every other window opposite sides
L	0.112" Red Bonnet Cable Length 0.260" (6.60mm) Labeled cable both ends		
TT	Cable filamentation ends		

# Standard ZIF Cable - Same side exposure



- Notes:**
- Cable Width = (# of conductors + 1) \* (Pitch)
  - Span = (# of conductors - 1) \* (Pitch)
  - Marking Thickness = .012" (.305mm)
  - Insulation = .002" Polyester with .0015" Flame Retardant Adhesive
  - Operating Temperature = -40°C to 105°C
  - Temperature rating = 55°C to 165°C
  - Dielectric Strength = 2500 Volts/MI
  - UL Flame Rating = VW-1
  - Insulation Resistance = 10 Megaohm min.
  - Marking - Minimum marking to be "PARKLEX and Date Code". On cables where spacing does not allow parts will not be marked.

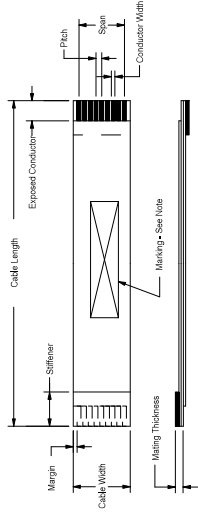
Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
.0197" (.500mm)	.014" (.355mm)	.140" (.3556mm)	.237" (.60mm)	.0037" (.076mm)	.0117" (.290mm)	20890	50 AMPS
.0315" (.800mm)	.026" (.65mm)	.140" (.3556mm)	.237" (.60mm)	.0037" (.076mm)	.0117" (.290mm)	20890	50 AMPS
.0315" (.800mm)	.030" (.762mm)	.140" (.3556mm)	.237" (.60mm)	.0037" (.076mm)	.0117" (.290mm)	20890	50 AMPS
.0315" (.800mm)	.032" (.812mm)	.140" (.3556mm)	.237" (.60mm)	.0037" (.076mm)	.0117" (.290mm)	20890	50 AMPS
.0394" (.100mm)	.035" (.889mm)	.140" (.3556mm)	.237" (.60mm)	.0037" (.076mm)	.0117" (.290mm)	20890	50 AMPS
.0550" (.140mm)	.048" (.122mm)	.140" (.3556mm)	.237" (.60mm)	.0037" (.076mm)	.0117" (.290mm)	20890	50 AMPS
.0550" (.140mm)	.054" (.137mm)	.140" (.3556mm)	.237" (.60mm)	.0037" (.076mm)	.0117" (.290mm)	20890	50 AMPS
.0550" (.140mm)	.058" (.147mm)	.140" (.3556mm)	.237" (.60mm)	.0037" (.076mm)	.0117" (.290mm)	20890	50 AMPS
.100" (2.54mm)	.088" (2.24mm)	.240" (6.096mm)	.384" (9.75mm)	.0037" (.076mm)	.0827" (2.175mm)	2843	3.0 AMPS

UL Style # Notes  
 20890 = .005" Min spacing between conductors, Voltage rating = 90 volts  
 20968 = .010" Min spacing between conductors, Voltage rating = 90 volts  
 2843 = .016" Min spacing between conductors, Voltage rating = 300 volts

Dimension	Standard Tolerances
Cable Length	±.05"
Margin	±.010" (±.254mm)
Pitch	±.002" (±.0508mm)
Span	±.002" (±.0508mm)
Conductor Width	±.002" (±.0508mm)
Exposed Conductor Length	±.010" (±.254mm)
Stiffener Length	±.010" (±.254mm)
Cable Width	±.002" (±.0508mm)
Margin	±.005" (±.127MM)
Cable Width	±.005" (±.127MM)

SIZE	FSCM	REV
B	18377	PS-3705
SCALE	INA	SHEET 3 OF 4

## Standard ZIF Cable - Reverse side exposure



**Notes:**  
 Cable Width = (# of conductors \* 1") Pitch)  
 Span = (# of conductors - 1) Pitch)  
 Mating Thickness = .012" (1.305mm)  
 Insulation = JOC Polymer with .2015" Flame Retardent Adhesive  
 Temperature rating = -55°C to 195°C  
 Dielectric Strength = 2500 Vols/Mil  
 UL Flame Rating = VW-1  
 Insulation Resistance = 10 Megaohm mil.  
 Marking - Minimum marking to be ARLEX and Date Code\*. On cables where spacing between parts will not be marked.

Pitch	Margin	Exposed Conductor	Stiffener Length	Copper Thickness	Copper Width	UL Style #	Current Rating
.0137" (.350mm)	.014" (.356mm)	.120" (3.056mm)	.237" (6mm)	.0032" (.076mm)	.011" (.280mm)	20880	50 AMPS
.015" (.381mm)	.015" (.381mm)	.140" (3.56mm)	.237" (6mm)	.0032" (.076mm)	.011" (.280mm)	20880	50 AMPS
.015" (.381mm)	.020" (.508mm)	.140" (3.56mm)	.237" (6mm)	.0032" (.076mm)	.011" (.280mm)	20880	50 AMPS
.015" (.381mm)	.020" (.508mm)	.140" (3.56mm)	.237" (6mm)	.0032" (.076mm)	.011" (.280mm)	20566	30 AMPS
.015" (.381mm)	.025" (.635mm)	.140" (3.56mm)	.237" (6mm)	.0032" (.076mm)	.008" (.203mm)	20566	1.5 AMPS
.015" (.381mm)	.025" (.635mm)	.140" (3.56mm)	.237" (6mm)	.0032" (.076mm)	.008" (.203mm)	20566	1.5 AMPS
.020" (.508mm)	.024" (.609mm)	.170" (4.318mm)	.284" (7.2mm)	.0032" (.076mm)	.008" (.203mm)	20566 & 2843	1.5 AMPS
.020" (.508mm)	.024" (.609mm)	.170" (4.318mm)	.284" (7.2mm)	.0032" (.076mm)	.008" (.203mm)	20566 & 2843	1.5 AMPS
.020" (.508mm)	.024" (.609mm)	.170" (4.318mm)	.284" (7.2mm)	.0032" (.076mm)	.008" (.203mm)	2843	3.0 AMPS

UL Style # notes

20880 = .010" Min spacing between conductors, Voltage rating = 10 Vols

20566 = .010" Min spacing between conductors, Voltage rating = 10 Vols

2843 = .015" Min spacing between conductors, Voltage rating = 300 Vols

Dimension	Standard Tolerances
0-3"	±.075" (1.935mm)
3-6"	±.100" (2.54mm)
6-12"	±.125" (3.175mm)
18-24"	±.150" (3.81mm)
24-36"	±.200" (5.08mm)
Over 36"	±1% OF LENGTH
Exposed Conductor Length	±.030" (.762mm)
Stiffener Length	±.050" (1.27mm)
Margin	±.025" (.635mm)
Cable Width	±.025" (.635mm)

SIZE: **B**     F30M     PS-3705     Rev: **-**  
 SCALE: 1:1A     SHEET: 4 OF 4