











3M™ Scotchlok™ Electrical Spring Connectors 312, 512 and 512G (continued)





	512-BULK	512-KEG	512G-BAG	512G-POUCH
				
UPC	054007-08162	051128-56281	054007-50232	051128-59098
Color	Red	Red	Green	Green
Conductor Size	22-8 AWG	22-8 AWG	14-10 AWG	14-10 AWG
Flame Retardant	Yes	Yes	Yes	Yes
Agency Approval				
Connectors per Carton	500	-	500	-
Connectors per Case	10,000	25,000	10,000	100

3M™ Highland™ Wire Connectors

3M™ Highland™ Wire Connectors make it quick and easy to match the right connector to the size of the wire. The shells are designed to withstand temperatures up to 221°F (105°C). Highland color-coded wire connectors are UL Listed, CSA Certified, and work equally well with either solid or stranded wire.



Connection Type Wire
Connector Style Twist On
Flame Retardant No
Operating Temperature 221°F (105°C)
RoHS 2011/65/EU Yes
Agency Approval  

	H-29-BIN	H-29-BOX	H-30-BIN	H-30-BOX
				
UPC	054007-43134	054007-43133	054007-43123	054007-43122
Color	Gray	Gray	Blue	Blue
Conductor Size	22-16 AWG	22-16 AWG	22-16 AWG	22-16 AWG
Maximum Voltage Rating	300 V	300 V	300 V	300 V
Connectors per Carton	-	100	-	100
Connectors per Case	1000	1000	1000	1000

3M™ Highland™ Wire Connectors (continued)

	H-30-KEG	H-31-BIN	H-31-BOX	H-31-BULK
				
UPC	054007-43124	054007-43119	054007-43117	054007-43118
Color	Blue	Orange	Orange	Orange
Conductor Size	22–16 AWG	18–14 AWG	18–14 AWG	18–14 AWG
Maximum Voltage Rating	300 V	600 V (1000 V in signs, lighting fixtures and luminaries)	600 V (1000 V in signs, lighting fixtures and luminaries)	600 V (1000 V in signs, lighting fixtures and luminaries)
Connectors per Carton	-	-	100	500
Connectors per Case	10,000	1000	1000	10,000
	H-31-KEG	H-33-BIN	H-33-BOX	H-33-BULK
				
UPC	054007-43120	054007-43137	054007-43136	054007-43138
Color	Orange	Yellow	Yellow	Yellow
Conductor Size	18–14 AWG	18–12 AWG	18–12 AWG	18–12 AWG
Maximum Voltage Rating	600 V (1000 V in signs, lighting fixtures and luminaries)	600 V (1000 V in signs, lighting fixtures and luminaries)	600 V (1000 V in signs, lighting fixtures and luminaries)	600 V (1000 V in signs, lighting fixtures and luminaries)
Connectors per Carton	-	-	100	500
Connectors per Case	10,000	1000	1000	5000
	H-33-KEG	H-35-BIN	H-35-BOX	H-35-BULK
				
UPC	054007-43139	054007-43141	054007-43140	054007-43142
Color	Yellow	Red	Red	Red
Conductor Size	18–12 AWG	18–10 AWG	18–10 AWG	18–10 AWG
Maximum Voltage Rating	600 V (1000 V in signs, lighting fixtures and luminaries)	600 V (1000 V in signs, lighting fixtures and luminaries)	600 V (1000 V in signs, lighting fixtures and luminaries)	600 V (1000 V in signs, lighting fixtures and luminaries)
Connectors per Carton	-	-	100	250
Connectors per Case	5000	1000	1000	2500