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Home Quick Disconnects Datasheet

Part Number: 0190190037

Status: Active

Description: Avikrimp™ Quick Disconnect, Female, for 10-12 (5.00-3.30) Wire, Box, Tab 6.35mm (.250") x 0.81mm (.032")

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General Physical Electrical **Material Info**

General

Product Family **Quick Disconnects** 19019 Series Product Name Avikrimp™

Type **Quick Disconnect**

Closed

Physical Barrel Type

Flammability 94V-2 Gender Female Insulation Nylon (PA) Lock to Mating Part None Material - Metal Brass Orientation Straight Packaging Type Bag Polarized to Mating Part No

Tab Thickness 0.81mm (.032") Tab Width 6.35mm (.250") Temperature Range - Operating -65°C to +105°C Wire Insulation Diameter 5.70mm (.225") max.

Wire Size AWG 10 Wire Size AWG 12

Wire Size mm² 3.30 - 5.00

Electrical

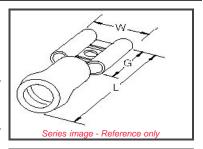
CSA LR18689 E79133 Voltage - Maximum 300V

Material Info

Old Part Number C-8143

Reference - Drawing Numbers

Sales Drawing SD-19019-001



EU RoHS

China RoHS

ELV and RoHS Compliant



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19019 Series

Application Tooling

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document. Global

Description

Product #

Hand Crimp Tool Air Powered Crimp 0640017300 0640057300

Tool Head

Hand Crimp Tool 0640010200 Crimp Head for the 0640050200

AT-200™ Pneumatic

Hand Tool

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MATERIAL NUMBER	X. ±.01 (.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.605) .125 (3.18)) .31(7.9)) .31(7.9)) .31(7.9)) .25(6.4)) .25(6.4)	.138(3.51) .170(4.32) .225(5.70) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .170(4.32) .138(3.51)
190190012	X. ±.01 (.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.605) .125 (3.18)	NOM.) .31(7.9)) .31(7.9)) .31(7.9)) .31(7.9)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.II5 (2, 92) .I38(3,51) .I70(4,32) .225(5,70) .II5 (2,92) .I38(3,51) .II5 (2,92) .I38(3,51) .072(1,83) .II5 (2,92) .I38(3,51) .I70(4,32) .I38(3,51) .I70(4,32)
190190012	.65) .156(3.96) .65) .156(3.96) .65) .156(3.96) .65) .156(3.96) .65) .125(3.18) .838) .125(3.18) .838) .125(3.18) .838) .125(3.18) .838) .125(3.18) .838) .125(3.18) .840) .125(3.18) .850) .125(3.18)) .31(7.9)) .31(7.9)) .31(7.9)) .31(7.9)) .25(6.4)) .25(6.4)	.II5 (2, 92) .I38(3,51) .I70(4,32) .225(5,70) .II5 (2,92) .I38(3,51) .II5 (2,92) .I38(3,51) .072(1,83) .II5 (2,92) .I38(3,51) .I70(4,32) .I38(3,51) .I70(4,32)
190190031 BB-814 190190033 BB-814 T BLUE 16-14 1.0-2.5 2.50x.032 (6.35x0.81) .016 (0.41) .865 (21.97) .43 (10.9) .301 (7.190190052 P-8142 190190054 P-8142T YELLOW 14-12 .65-4.2 .250x.032 (6.35x0.81) .016 (0.41) .865 (21.97) .43 (10.9) .301 (7.190190037 C-8143 190190038 C-8143T YELLOW 16-12 .4.0-6.0 .250x.032 (6.35x0.81) .016 (0.41) .789 (20.04) .57 (14.5) .301 (7.190190014 .4.8180 .90190016 .4.8180 .789 (20.04) .4.3 (10.9) .251 (6.35x0.81) .016 (0.41) .789 (20.04) .4.3 (10.9) .238 (1.90190000 .4.9019	(.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.96) (.65) .125 (3.18) (.38) .125 (3.18) (.05) .125 (3.18)) .31(7.9)) .31(7.9)) .31(7.9)) .25(6.4)) .25(6.4)	.138(3.51) .170(4.32) .225(5.70) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .170(4.32) .138(3.51)
190190037 C-8143 190190038 C-8143T YELLOW 10-12 4.0-6.0 .250x.032 (6.35X0.81) .018 (0.46) .1011 (25.68) .57 (14.5) .301 (77.190190014 AA-8190 190190016 AA-8190T RED .22-18 0.25-1.5 .205x.020 (5.21X0.51) .016 (0.41) .789 (20.04) .43 (10.9) .251 (6.1903014 .251 (0.1903015	(.65) .156 (3.96) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.30) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.307) .308 (.308) .308 (.308) .308 (.308) .308 (.308) .308 (.308) .308 (.308) .308) .31(7.9)) .25(6.4)) .25(6.4)	.225(5.70 .115(2.92) .138(3.51) .115(2.92) .138(3.51) .072(1.83 .115(2.92) .138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
190190014	i.38) .125 (3.18) i.39 .125 (3.18) i.414 .210 (5.33) i.414 .210 (5.33) i.414 .210 (5.33)) .25(6.4)) .25(6.4)	.115 (2.92) .138 (3.51) .115 (2.92) .138 (3.51) .072 (1.83) .115 (2.92) .138 (3.51) .170 (4.32) .072 (1.83) .115 (2.92) .138 (3.51) .170 (4.32)
190190034 BB-8191 190190064 BB-8191T BLUE 16-14 1.0-2.5 2.05x.020 (5.21x0.51) 0.16 (0.41) 7.789 (20.04) 4.3 (10.9) 2.51 (6.190190015 AA-8190-032 190190058 AA-8190-032 RED 22-18 0.25-1.5 2.05x.032 (5.21x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.51 (6.190190035 BB-8191-032 190190063 BB-8191-032 BLUE 16-14 1.0-2.5 2.05x.032 (5.21x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.51 (6.190190044 M-8136-032 190190064 M-8136-032 TELLOW 26-24 0.1-0.3 1.87x.032 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190049 AA-8137-032 190190065 BB-8138-032 TELLOW 1.0-2.5 1.87x.032 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190049 AA-8137-032 190190050 P-8139-032 TELLOW 1.0-2.5 1.87x.032 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190049 AA-8136 190190065 P-8139-032 TELLOW 1.0-2.5 1.87x.032 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190066 AA-8137 190190061 AA-8137 RED 22-18 0.25-1.5 1.87x.020 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190066 AA-8137 190190061 AA-8137 RED 22-18 0.25-1.5 1.87x.020 (4.75x0.51) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190066 AA-8138 190190069 P-8139 TELLOW 1.0-2.5 1.87x.020 (4.75x0.51) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190066 AA-8138 1.90190069 AA-8134 RED 22-18 0.25-1.5 1.87x.020 (4.75x0.51) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190069 AA-8134 1.90190069 AA-8134 RED 22-18 0.25-1.5 1.10x.032 (2.80x0.81) 0.012 (0.30) 7.789 (20.04) 4.3 (10.9) 1.63 (4.90190069 AA-8134 1.90190069 AA-8135 1.90190069 AA-8135 AA-8134 RED 22-18 0.25-1.5 1.10x.032 (2.80x0.81) 0.12 (0.30) 7.789 (20.04) 4.3 (10.9) 1.63 (4.90190069 AA-8134 1.90190069 AA-8134 RED 22-18 0.25-1.5 1.10x.032 (2.80x0.81) 0.12 (0.30) 7.789 (20	.38) .125 (3.18) .38) .125 (3.18) .38) .125 (3.18) .6.05) .125 (3.18)) .25(6.4)) .25(6.4)	.138(3.51) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
190190015	3.38) .125 (3.18) 5.38) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18)) .25(6.4)) .25(6.4)	.115(2,92) .138(3,51) .072(1,83) .115(2,92) .138(3,51) .170(4,32) .072(1,83) .115(2,92) .138(3,51) .170(4,32)
190190035 190190063 190190063 190190063 190190065 1901	3.38) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 4.14) .210 (5.33) 4.14) .210 (5.33)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.138(3.51) .072(1.83) .115(2.92) .138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
190190044 M-8136-032 190190045 M-8136-032T YELLOW 26-24 0.1-0.3 .187x.032 (4.75x0.81) .016 (0.41) .694 (18.03) .31 (7.9) .238 (19019008 AA-8137-032 19019009 AA-8137-032T RED .22-18 0.25-1.5 .187x.032 (4.75x0.81) .016 (0.41) .789 (20.04) .43 (10.9) .238 (19019004 .238 (19019004) .238 (1	6.05) .125 (3.18) 6.05) .125 (3.18) 6.14) .210 (5.33) 6.14) .210 (5.33)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.115(2.92) .138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
90190028 BB-8 38-032 190190029 BB-8 38-0327 BLUE 16-14 1.0-2.5 1.87x.032 (4.75x0.81) 0.16 (0.41) 0.789 (20.04) 0.43 (10.9) 0.238 (1.90190049 0.8139-032 190190040 0.8139-0327 0.	6.05) .125 (3.18) 6.05) .125 (3.18) 6.14) .210 (5.33) 6.14) .210 (5.33)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
90190049 P-8139-032 190190050 P-8139-0327 YELLOW 14-12 1.65-4.2 1.87 x.032 (4.75 x 0.81) 0.16 (0.41) 0.789 (20.04) 0.43 (10.9) 0.238 (1.90190043 0.48	6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.125 (3.18) 6) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
90190043 M-8136 190190046 M-8136T YELLOW 26-24 0.I-0,3 .I87x,020 (4.75x0,51) .016 (0.41) .694 (18.03) .31 (7.9) .238 (1.90190006 AA-8137 190190011 AA-8137T RED 22-18 0.25-1.5 .I87x,020 (4.75x0,51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (1.90190027 BB-8138 190190030 BB-8138T BLUE I6-14 I.0-2.5 .I87x,020 (4.75x0,51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (1.90190048 P-8139 190190042 P-8139 YELLOW I4-12 I.65-4.2 .I87x,020 (4.75x0,51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (1.90190044 M-8133 190190042 M-8133T YELLOW 26-24 0.I-0,3 .II0x,032 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190044 AA-8134 190190045 AA-8134T RED 22-18 0.25-1.5 .II0x,032 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190025 BB-8135 190190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,032 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190039 M-8130 190190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,032 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190039 M-8130 190190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-2	6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 4.14) .210 (5.33) 4.14) .210 (5.33)	.25(6.4) .25(6.4) .25(6.4) .25(6.4) .25(6.4)	.072(1.83) .115(2.92) .138(3.51) .170(4.32)
190190006 AA-8137 190190011 AA-8137T RED 22-18 0.25-1.5 .187x.020 (4.75x0.51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (190190027 BB-8138 190190030 BB-8138T BLUE 16-14 .10-2.5 .187x.020 (4.75x0.51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (190190048 P-8139 190190051 P-8139T YELLOW 14-12 .65-4.2 .187x.020 (4.75x0.51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (190190041 .789 (20.04) .43 (10.9) .238 (190190041 .789 (20.04) .43 (10.9) .238 (190190041 .789 (20.04) .43 (10.9) .238 (190190041 .789 (20.04) .43 (10.9) .238 (190190004 .789 (20.04) .43 (10.9) .238 (190190004 .789 (20.04) .43 (10.9	6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 4.14) .210 (5.33) 4.14) .210 (5.33) 4.14) .210 (5.33)	.25(6.4) .25(6.4) .25(6.4) .25(6.4)	.115(2.92) .138(3.51) .170(4.32)
190190027 190190030 1901	6.05) .125 (3.18) 6.05) .125 (3.18) 4.14) .210 (5.33) 4.14) .210 (5.33) 4.14) .210 (5.33)) .25(6.4)) .25(6.4)) .25(6.4)	.138(3.51)
190190041 M-8133 190190042 M-8133T YELLOW 26-24 0.1-0,3 .100x.032 (2.80x0.81) .012(0.30) .694 (18.03) .31 (7.9) .163 (4.80x0.81) .90190004 AA-8134 190190005 AA-8134T RED 22-18 0.25-1.5 .100x.032 (2.80x0.81) .012(0.30) .789 (20.04) .43 (10.9) .163 (4.80x0.81) .90190025 BB-8135 190190026 BB-8135T BLUE 16-14 1.0-2.5 .110x.032 (2.80x0.81) .012(0.30) .789 (20.04) .43 (10.9) .163 (4.80x0.81) .90190039 M-8130 190190040 M-8130T YELLOW 26-24 0.1-0,3 .110x.020 (2.80x0.81) .012(0.30) .694 (18.03) .31 (7.9) .163 (4.80x0.81)	4.14) .210 (5.33 (4.14) .210 (5.33 (4.14) .210 (5.33) .25(6.4)	
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190190039 M-8130 190190040 M-8130T YELLOW 26-24 0.1-0,3 .110x.020 (2.80x0.81) .012(0.30) .694 (18.03) .31 (7.9) .163 (4.10.02)		-	.115(2.92)
			.072(1.83)
. 169. (9.04) 44-8131 190190003 AA-81317 RED 22-18 0.25-1.5 .110x.020 (2.80X0.81) .012(0.30) .789 (20.04) .43 (10.9) .163 (10.9)	4.14) .210 (5.33)		.115 (2.92)
90190022 BB-8132 190190024 BB-8132T BLUE 16-14 1.0-2.5 .110x.020 (2.80x0.81) .012(0.30) .789(20.04) .43 (10.9) .163 (4.3)			.138(3.51)
FUNNEL ENTRY FERRULE MIRE STOP	PARTS C	DN TAPE	
	LOOSE PIE	H SCONNE AVIKRIMP ECE & TAPI K INCORPOI 019-001 HAT IS PROPRIET	E MOUNT RATED SHEET NO. 1 OF 1 TARY TO MOLEX
Lframe_C_P_ME_T 12 11 10 9 8 7 6 5 4	3	2	1

MATERIAL NUMBER	X. ±.01 (.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.605) .125 (3.18)) .31(7.9)) .31(7.9)) .31(7.9)) .25(6.4)) .25(6.4)	.138(3.51) .170(4.32) .225(5.70) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .170(4.32) .138(3.51)
190190012	X. ±.01 (.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.605) .125 (3.18)	NOM.) .31(7.9)) .31(7.9)) .31(7.9)) .31(7.9)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.II5 (2, 92) .I38(3,51) .I70(4,32) .225(5,70) .II5 (2,92) .I38(3,51) .II5 (2,92) .I38(3,51) .072(1,83) .II5 (2,92) .I38(3,51) .I70(4,32) .I38(3,51) .I70(4,32)
190190012	.65) .156(3.96) .65) .156(3.96) .65) .156(3.96) .65) .156(3.96) .65) .125(3.18) .838) .125(3.18) .838) .125(3.18) .838) .125(3.18) .838) .125(3.18) .838) .125(3.18) .840) .125(3.18) .850) .125(3.18)) .31(7.9)) .31(7.9)) .31(7.9)) .31(7.9)) .25(6.4)) .25(6.4)	.II5 (2, 92) .I38(3,51) .I70(4,32) .225(5,70) .II5 (2,92) .I38(3,51) .II5 (2,92) .I38(3,51) .072(1,83) .II5 (2,92) .I38(3,51) .I70(4,32) .I38(3,51) .I70(4,32)
190190031 BB-814 190190033 BB-814 T BLUE 16-14 1.0-2.5 2.50x.032 (6.35x0.81) .016 (0.41) .865 (21.97) .43 (10.9) .301 (7.190190052 P-8142 190190054 P-8142T YELLOW 14-12 .65-4.2 .250x.032 (6.35x0.81) .016 (0.41) .865 (21.97) .43 (10.9) .301 (7.190190037 C-8143 190190038 C-8143T YELLOW 16-12 .4.0-6.0 .250x.032 (6.35x0.81) .016 (0.41) .789 (20.04) .57 (14.5) .301 (7.190190014 .4.8180 .90190016 .4.8180 .789 (20.04) .4.3 (10.9) .251 (6.35x0.81) .016 (0.41) .789 (20.04) .4.3 (10.9) .238 (1.90190000 .4.9019	(.65) .156 (3.96) (.65) .156 (3.96) (.65) .156 (3.96) (.65) .125 (3.18) (.38) .125 (3.18) (.05) .125 (3.18)) .31(7.9)) .31(7.9)) .31(7.9)) .25(6.4)) .25(6.4)	.138(3.51) .170(4.32) .225(5.70) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .170(4.32) .138(3.51)
190190037 C-8143 190190038 C-8143T YELLOW 10-12 4.0-6.0 .250x.032 (6.35X0.81) .018 (0.46) .1011 (25.68) .57 (14.5) .301 (77.190190014 AA-8190 190190016 AA-8190T RED .22-18 0.25-1.5 .205x.020 (5.21X0.51) .016 (0.41) .789 (20.04) .43 (10.9) .251 (6.1903014 .251 (0.1903015	(.65) .156 (3.96) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.38) .125 (3.18) (.30) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.305) .125 (3.18) (.307) .308 (.308) .308 (.308) .308 (.308) .308 (.308) .308 (.308) .308 (.308) .308) .31(7.9)) .25(6.4)) .25(6.4)	.225(5.70 .115(2.92) .138(3.51) .115(2.92) .138(3.51) .072(1.83 .115(2.92) .138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
190190014	i.38) .125 (3.18) i.39 .125 (3.18) i.414 .210 (5.33) i.414 .210 (5.33) i.414 .210 (5.33)) .25(6.4)) .25(6.4)	.115 (2.92) .138 (3.51) .115 (2.92) .138 (3.51) .072 (1.83) .115 (2.92) .138 (3.51) .170 (4.32) .072 (1.83) .115 (2.92) .138 (3.51) .170 (4.32)
190190034 BB-8191 190190064 BB-8191T BLUE 16-14 1.0-2.5 2.05x.020 (5.21x0.51) 0.16 (0.41) 7.789 (20.04) 4.3 (10.9) 2.51 (6.190190015 AA-8190-032 190190058 AA-8190-032 RED 22-18 0.25-1.5 2.05x.032 (5.21x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.51 (6.190190035 BB-8191-032 190190063 BB-8191-032 BLUE 16-14 1.0-2.5 2.05x.032 (5.21x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.51 (6.190190044 M-8136-032 190190064 M-8136-032 TELLOW 26-24 0.1-0.3 1.87x.032 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190049 AA-8137-032 190190065 BB-8138-032 TELLOW 1.0-2.5 1.87x.032 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190049 AA-8137-032 190190050 P-8139-032 TELLOW 1.0-2.5 1.87x.032 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190049 AA-8136 190190065 P-8139-032 TELLOW 1.0-2.5 1.87x.032 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190066 AA-8137 190190061 AA-8137 RED 22-18 0.25-1.5 1.87x.020 (4.75x0.81) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190066 AA-8137 190190061 AA-8137 RED 22-18 0.25-1.5 1.87x.020 (4.75x0.51) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190066 AA-8138 190190069 P-8139 TELLOW 1.0-2.5 1.87x.020 (4.75x0.51) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190066 AA-8138 1.90190069 AA-8134 RED 22-18 0.25-1.5 1.87x.020 (4.75x0.51) 0.016 (0.41) 7.789 (20.04) 4.3 (10.9) 2.38 (1.90190069 AA-8134 1.90190069 AA-8134 RED 22-18 0.25-1.5 1.10x.032 (2.80x0.81) 0.012 (0.30) 7.789 (20.04) 4.3 (10.9) 1.63 (4.90190069 AA-8134 1.90190069 AA-8135 1.90190069 AA-8135 AA-8134 RED 22-18 0.25-1.5 1.10x.032 (2.80x0.81) 0.12 (0.30) 7.789 (20.04) 4.3 (10.9) 1.63 (4.90190069 AA-8134 1.90190069 AA-8134 RED 22-18 0.25-1.5 1.10x.032 (2.80x0.81) 0.12 (0.30) 7.789 (20	.38) .125 (3.18) .38) .125 (3.18) .38) .125 (3.18) .6.05) .125 (3.18)) .25(6.4)) .25(6.4)	.138(3.51) .115(2.92) .138(3.51) .072(1.83) .115(2.92) .138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
190190015	3.38) .125 (3.18) 5.38) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18)) .25(6.4)) .25(6.4)	.115(2,92) .138(3,51) .072(1,83) .115(2,92) .138(3,51) .170(4,32) .072(1,83) .115(2,92) .138(3,51) .170(4,32)
190190035 190190063 190190063 190190063 190190065 1901	3.38) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 4.14) .210 (5.33) 4.14) .210 (5.33)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.138(3.51) .072(1.83) .115(2.92) .138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
190190044 M-8136-032 190190045 M-8136-032T YELLOW 26-24 0.1-0.3 .187x.032 (4.75x0.81) .016 (0.41) .694 (18.03) .31 (7.9) .238 (19019008 AA-8137-032 19019009 AA-8137-032T RED .22-18 0.25-1.5 .187x.032 (4.75x0.81) .016 (0.41) .789 (20.04) .43 (10.9) .238 (19019004 .238 (19019004) .238 (1	6.05) .125 (3.18) 6.05) .125 (3.18) 6.14) .210 (5.33) 6.14) .210 (5.33)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.115(2.92) .138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
90190028 BB-8 38-032 190190029 BB-8 38-0327 BLUE 16-14 1.0-2.5 1.87x.032 (4.75x0.81) 0.16 (0.41) 0.789 (20.04) 0.43 (10.9) 0.238 (1.90190049 0.8139-032 190190040 0.8139-0327 0.	6.05) .125 (3.18) 6.05) .125 (3.18) 6.14) .210 (5.33) 6.14) .210 (5.33)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.138(3.51) .170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
90190049 P-8139-032 190190050 P-8139-0327 YELLOW 14-12 1.65-4.2 1.87 x.032 (4.75 x 0.81) 0.16 (0.41) 0.789 (20.04) 0.43 (10.9) 0.238 (1.90190043 0.48	6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.125 (3.18) 6) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)) .25(6.4)	.170(4.32) .072(1.83) .115(2.92) .138(3.51) .170(4.32)
90190043 M-8136 190190046 M-8136T YELLOW 26-24 0.I-0,3 .I87x,020 (4.75x0,51) .016 (0.41) .694 (18.03) .31 (7.9) .238 (1.90190006 AA-8137 190190011 AA-8137T RED 22-18 0.25-1.5 .I87x,020 (4.75x0,51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (1.90190027 BB-8138 190190030 BB-8138T BLUE I6-14 I.0-2.5 .I87x,020 (4.75x0,51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (1.90190048 P-8139 190190042 P-8139 YELLOW I4-12 I.65-4.2 .I87x,020 (4.75x0,51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (1.90190044 M-8133 190190042 M-8133T YELLOW 26-24 0.I-0,3 .II0x,032 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190044 AA-8134 190190045 AA-8134T RED 22-18 0.25-1.5 .II0x,032 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190025 BB-8135 190190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,032 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190039 M-8130 190190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,032 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190039 M-8130 190190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .789 (20.04) .43 (10.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-24 0.I-0,3 .II0x,020 (2.80x0,81) .012 (0.30) .694 (18.03) .31 (7.9) .163 (4.90190040 M-8130T YELLOW 26-2	6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 4.14) .210 (5.33) 4.14) .210 (5.33)	.25(6.4) .25(6.4) .25(6.4) .25(6.4) .25(6.4)	.072(1.83) .115(2.92) .138(3.51) .170(4.32)
190190006 AA-8137 190190011 AA-8137T RED 22-18 0.25-1.5 .187x.020 (4.75x0.51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (190190027 BB-8138 190190030 BB-8138T BLUE 16-14 .10-2.5 .187x.020 (4.75x0.51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (190190048 P-8139 190190051 P-8139T YELLOW 14-12 .65-4.2 .187x.020 (4.75x0.51) .016 (0.41) .789 (20.04) .43 (10.9) .238 (190190041 .789 (20.04) .43 (10.9) .238 (190190041 .789 (20.04) .43 (10.9) .238 (190190041 .789 (20.04) .43 (10.9) .238 (190190041 .789 (20.04) .43 (10.9) .238 (190190004 .789 (20.04) .43 (10.9) .238 (190190004 .789 (20.04) .43 (10.9	6.05) .125 (3.18) 6.05) .125 (3.18) 6.05) .125 (3.18) 4.14) .210 (5.33) 4.14) .210 (5.33) 4.14) .210 (5.33)	.25(6.4) .25(6.4) .25(6.4) .25(6.4)	.115(2.92) .138(3.51) .170(4.32)
190190027 190190030 1901	6.05) .125 (3.18) 6.05) .125 (3.18) 4.14) .210 (5.33) 4.14) .210 (5.33) 4.14) .210 (5.33)) .25(6.4)) .25(6.4)) .25(6.4)	.138(3.51)
190190041 M-8133 190190042 M-8133T YELLOW 26-24 0.1-0,3 .100x.032 (2.80x0.81) .012(0.30) .694 (18.03) .31 (7.9) .163 (4.80x0.81) .90190004 AA-8134 190190005 AA-8134T RED 22-18 0.25-1.5 .100x.032 (2.80x0.81) .012(0.30) .789 (20.04) .43 (10.9) .163 (4.80x0.81) .90190025 BB-8135 190190026 BB-8135T BLUE 16-14 1.0-2.5 .110x.032 (2.80x0.81) .012(0.30) .789 (20.04) .43 (10.9) .163 (4.80x0.81) .90190039 M-8130 190190040 M-8130T YELLOW 26-24 0.1-0,3 .110x.020 (2.80x0.81) .012(0.30) .694 (18.03) .31 (7.9) .163 (4.80x0.81)	4.14) .210 (5.33 (4.14) .210 (5.33 (4.14) .210 (5.33) .25(6.4)	
190190004 AA-8134 190190005 AA-8134T RED 22-18 0.25-1.5 .10x.032 (2.80x0.81) .012(0.30) .789 (20.04) .43 (10.9) .163 (4.10.9) 190190025 BB-8135 190190026 BB-8135T BLUE 16-14 1.0-2.5 .110x.032 (2.80x0.81) .012(0.30) .789 (20.04) .43 (10.9) .43 (10.9) .163 (4.10.9) 190190039 M-8130 190190040 M-8130T YELLOW 26-24 0.1-0,3 .110x.020 (2.80x0.81) .012(0.30) .694 (18.03) .31 (7.9) .163 (4.10.9)	(4.14) .210 (5.33) (4.14) .210 (5.33)		
190190025 BB-8135 190190026 BB-8135T BLUE 16-14 1.0-2.5 .110x.032 (2.80x0.81) .012(0.30) .789 (20.04) .43 (10.9) .163 (4.90) .90190039 M-8130 190190040 M-8130T YELLOW 26-24 0.1-0,3 .110x.020 (2.80x0.81) .012(0.30) .694 (18.03) .31 (7.9) .163 (4.90)	4.14) .210 (5.33)		.072(1.83
190190039 M-8130 190190040 M-8130T YELLOW 26-24 0.1-0,3 .110x.020 (2.80x0.81) .012(0.30) .694 (18.03) .31 (7.9) .163 (4.10.02)		-	.115(2.92)
			.072(1.83)
. 169. (9.04) 44-8131 190190003 AA-81317 RED 22-18 0.25-1.5 .110x.020 (2.80X0.81) .012(0.30) .789 (20.04) .43 (10.9) .163 (10.9)	4.14) .210 (5.33)		.115 (2.92)
90190022 BB-8132 190190024 BB-8132T BLUE 16-14 1.0-2.5 .110x.020 (2.80x0.81) .012(0.30) .789(20.04) .43 (10.9) .163 (4.3)			.138(3.51)
FUNNEL ENTRY FERRULE MIRE STOP	PARTS C	DN TAPE	
	LOOSE PIE	H SCONNE AVIKRIMP ECE & TAPI K INCORPOI 019-001 HAT IS PROPRIET	E MOUNT RATED SHEET NO. 1 OF 1 TARY TO MOLEX
Lframe_C_P_ME_T 12 11 10 9 8 7 6 5 4	3	2	1