



- △ MATERIAL - CONTACTS: PHOSPHOR BRONZE. SHELL: CARBON STEEL.
- △ HOUSING: POLYESTER, BLACK, UL 94V-0 RATED. TERMINATING COVERS: POLYESTER, UL 94V-0 RATED, COLOR: SEE TABLE.
- △ BRACKET: ZINC.
- △ FINISH - SHELL: 5.08µm [0.000200] MIN NICKEL OVER 1.27µm [0.00050] MIN COPPER. BRACKET: 5.08µm [0.000200] MIN NICKEL OVER 7.62µm [0.000300] MIN COPPER. CONTACTS: SEE TABLE.
- △ EITHER 0.76µm [0.000300] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE. 0.76µm [0.000300] MIN TOTAL FOR A LENGTH OF 0.64 [0.025] MIN. 0.13 [0.005] MAX FROM MATING END. 1.27µm [0.00050] MIN TIN-LEAD IN TERMINATION AREA, ALL OVER 1.27µm [0.00050] MIN NICKEL.
- △ EITHER 0.76µm [0.000300] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE. 0.76µm [0.000300] MIN TOTAL FOR A LENGTH OF 0.64 [0.025] MIN. 0.13 [0.005] MAX FROM MATING END. 1.27µm [0.00050] MIN TIN IN TERMINATION AREA, ALL OVER 1.27µm [0.00050] MIN NICKEL.
- △ RECOMMENDED WIRE: 28 AWG OR 30 AWG, SOLID OR 7 STRAND, PVC INSULATION, REFER TO TABLE BELOW FOR INSULATION DIA.
- △ COVERS PACKAGED SEPARATE FROM CONNECTORS IN SAME SHIPPING CONTAINER.
- △ DATE CODE THIS AREA, EITHER SIDE, SEE TABLE.
- △ OBSOLETE PART NUMBER.
- △ ROHS 2002/95/EC COMPLIANT

CONTACT FINISH	DATE CODE	TERMINATING COVERS COLOR	INSULATION OUTER DIA	A	B	C	D	E	F	G	NO OF POSN	PART NUMBER
△	YES	GRAY	0.74-0.79 DIA [0.029-0.031]	15.24 [0.600]	42.29 [1.665]	52.45 [2.065]	41.38 [1.629]	46.48 [1.830]	34.70 [1.366]	30.48 [1.200]	50	△ 6-786862-5
△	YES	BLACK	0.81-0.91 DIA [0.032-0.036]	15.24 [0.600]	42.29 [1.665]	52.45 [2.065]	41.38 [1.629]	46.48 [1.830]	34.70 [1.366]	30.48 [1.200]	50	△ 5-786862-5
△	NO	GRAY	0.74-0.79 DIA [0.029-0.031]	31.12 [1.225]	74.04 [2.915]	84.20 [3.315]	73.13 [2.879]	78.23 [3.080]	66.45 [2.616]	62.23 [2.450]	100	△ 1-786862-9
△	NO	GRAY	0.74-0.79 DIA [0.029-0.031]	20.96 [0.825]	53.72 [2.115]	63.88 [2.515]	52.81 [2.079]	57.91 [2.280]	46.13 [1.816]	41.91 [1.650]	68	△ 1-786862-7
△	YES	GRAY	0.74-0.79 DIA [0.029-0.031]	15.24 [0.600]	42.29 [1.665]	52.45 [2.065]	41.38 [1.629]	46.48 [1.830]	34.70 [1.366]	30.48 [1.200]	50	△ 1-786862-5
△	NO	GRAY	0.74-0.79 DIA [0.029-0.031]	7.62 [0.300]	27.05 [1.065]	37.21 [1.465]	26.14 [1.029]	31.24 [1.230]	19.46 [0.766]	15.24 [0.600]	26	△ 1-786862-2
△	NO	BLACK	0.81-0.91 DIA [0.032-0.036]	31.12 [1.225]	74.04 [2.915]	84.20 [3.315]	73.13 [2.879]	78.23 [3.080]	66.45 [2.616]	62.23 [2.450]	100	△ 786862-9
△	NO	BLACK	0.81-0.91 DIA [0.032-0.036]	20.96 [0.825]	53.72 [2.115]	63.88 [2.515]	52.81 [2.079]	57.91 [2.280]	46.13 [1.816]	41.91 [1.650]	68	△ 786862-7
△	YES	BLACK	0.81-0.91 DIA [0.032-0.036]	15.24 [0.600]	42.29 [1.665]	52.45 [2.065]	41.38 [1.629]	46.48 [1.830]	34.70 [1.366]	30.48 [1.200]	50	△ 786862-5
△	NO	BLACK	0.81-0.91 DIA [0.032-0.036]	7.62 [0.300]	27.05 [1.065]	37.21 [1.465]	26.14 [1.029]	31.24 [1.230]	19.46 [0.766]	15.24 [0.600]	26	△ 786862-2

THIS DRAWING IS A CONTROLLED DOCUMENT. THE ORIGINAL IS STORED IN THE OFFICE OF THE DESIGN ENGINEER. THE DATE OF THE ORIGINAL IS 108-1228. THE DATE OF THIS DRAWING IS 114-40029. THE DATE OF THIS DRAWING IS 114-40029. THE DATE OF THIS DRAWING IS 114-40029.

RECEPTACLE KIT, UNASSEMBLED, PANEL MOUNT, W/ WIRE TERMINATING COVER, W/ LATCH BLOCK.

REVISIONS: REV 1, DATE 11/15/05, BY J. S. L.