



DETAIL T
SCALE 20:1
TYPICAL

- 1 MATERIAL: RECEPTACLE CONTACTS- PHOSPHOR BRONZE. RECEPTACLE SHELL- STEEL. PANEL MOUNT BRACKET- ZINC. RECEPTACLE HOUSING AND TERMINATION COVERS- UL V-0 RATED THERMOPLASTIC. COLOR: BLACK.
- 2 PLATING: RECEPTACLE CONTACTS- EITHER 0.76µm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL IN CONTACT AREA, 1.27µm [.000050] MIN TIN-LEAD IN TERMINATION AREA, ALL OVER 1.27µm [.000050] MIN NICKEL. RECEPTACLE SHELL- 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER. PANEL MOUNT BRACKET- 5.08µm [.000200] MIN NICKEL OVER 7.62µm [.000300] MIN COPPER.
- 3 RECOMMENDED WIRE: 28 AWG OR 30 AWG, SOLID OR 7 STRANDED, PVC INSULATION WITH A 0.74-0.91 [.029-.036] INSULATION DIA.
- 4 OBSOLETE PART NUMBER.
- 5 PLATING: RECEPTACLE CONTACTS- EITHER 0.76µm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL IN CONTACT AREA, 1.27µm [.000050] MIN TIN IN TERMINATION AREA, ALL OVER 1.27µm [.000050] MIN NICKEL. RECEPTACLE SHELL- 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER. PANEL MOUNT BRACKET- 5.08µm [.000200] MIN NICKEL OVER 7.62µm [.000300] MIN COPPER.

OBSELETE	NO	37.46	86.74	96.90	85.83	90.93	79.15	74.93	120	6-749656-0
	NO	[1.475]	[3.415]	[3.815]	[3.379]	[3.580]	[3.116]	[2.950]	68	1-749656-2
	NO	[.825]	[2.115]	[2.515]	[2.079]	[2.280]	[1.816]	[1.650]	50	1-749656-1
	NO	[.600]	[1.665]	[2.065]	[1.629]	[1.830]	[1.366]	[1.200]	120	1-749656-0
	NO	[.975]	[2.415]	[2.815]	[2.379]	[2.580]	[2.116]	[1.950]	80	749656-8
	NO	[.825]	[2.115]	[2.515]	[2.079]	[2.280]	[1.816]	[1.650]	68	749656-7
	NO	[.725]	[1.915]	[2.315]	[1.879]	[2.080]	[1.616]	[1.450]	60	749656-6
	NO	[.600]	[1.665]	[2.065]	[1.629]	[1.830]	[1.366]	[1.200]	50	749656-5
	NO	[.475]	[1.415]	[1.815]	[1.379]	[1.580]	[1.116]	[.950]	40	749656-4
	NO	[.325]	[1.115]	[1.515]	[1.079]	[1.280]	[.816]	[.650]	28	749656-3
	NO	[.225]	[.915]	[1.315]	[.879]	[1.080]	[.616]	[.450]	20	749656-2
	NO	[.300]	[1.065]	[1.465]	[1.029]	[1.230]	[.766]	[.600]	26	749656-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE CODE: G F E D C B A

REVISIONS: DATE, DESCRIPTION, BY, APPR

52 REVISED PER ECO-20-002922 27FEB2020 AK JW

TE CONNECTIVITY

RECEPTACLE CABLE ASSEMBLY, RAILLESS PANEL MOUNT, AMP/LINITE .050 Series

SCALE: 5:1 SHEET 1 OF 1 REV 52