AMP INCORPORATED
Harrisburg, Pa. 17105

TWIN VIDEO PLUG
P/N 227241-1

IS 2859

RELEASED	2—21—80
REVISED	7—18—80

RG/U CABLE
BELDEN 9207 STYLE 2498
MONCO AWM STYLE 2498
IBM (1362211)

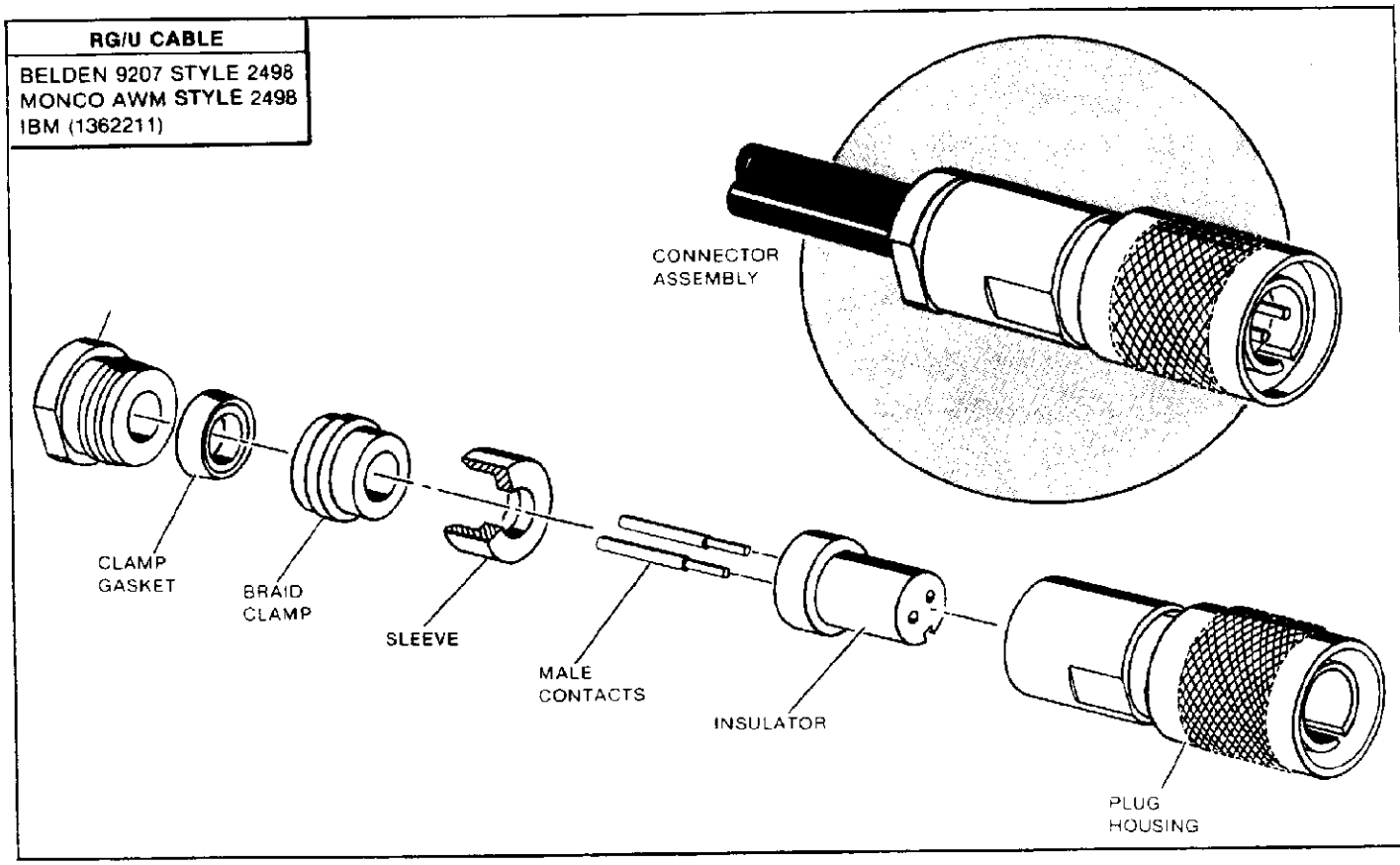

Figure 1

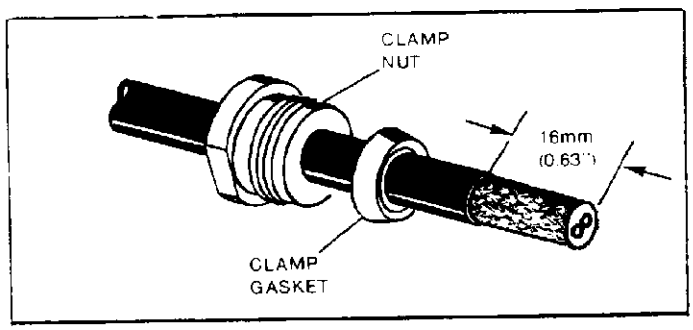

Figure 2

1. CABLE CONNECTOR ASSEMBLY

(a) Cut end of cable.

NOTE: *A SHARP, SQUARE CUT IS NECESSARY TO ENSURE ALL-AROUND CONTACT BETWEEN SHOULDER OF BRAID CLAMP AND END WALL OF CABLE JACKET.*

(b) Slide clamp nut, then clamp gasket over cable jacket. (Figure 2)

(c) Strip 16mm (0.63 inch) of braid insulation off cable jacket.

(d) Slide braid clamp over braid until shoulder of braid clamp butts against cable jacket.

(e) Fold braid back over braid clamp; trim braid flush with shoulder. (Figure 3)

NOTE: *INSPECT FOR EVEN PLACEMENT OF BRAID WIRES AROUND BRAID CLAMP TO ENSURE GOOD RADIO FREQUENCY CONNECTION OF THE BRAID SHIELD. AND TO PREVENT BREAKING OF THE BRAID STRANDS.*

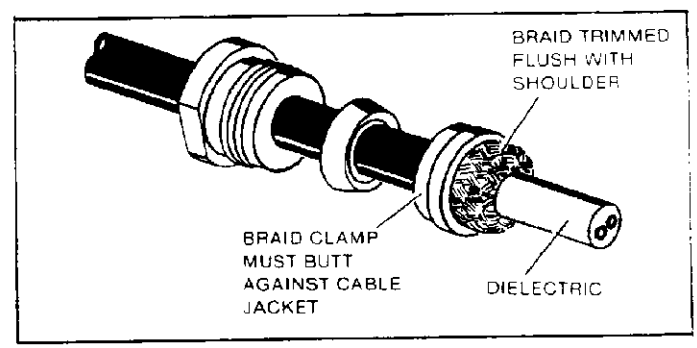

Figure 3

(f) Strip the dielectric and conductor insulation to dimensions shown in Figure 4.

NOTE: *DO NOT NICK OR CUT THE CONDUCTORS OR THE INSULATION.*

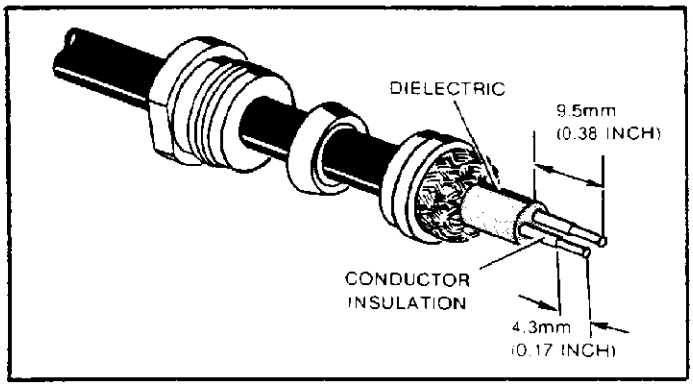

Figure 4

(g) Slide sleeve over dielectric and braid until sleeve butts against shoulder of braid clamp.

(h) Using minimum heat, solder the male contacts to the conductors. Clean off any excess solder. (Figure 5)

(i) Bend the conductors and contacts out, perpendicular to axis of cable; then bend back to original parallel position. (Distance between conductors is approximately 6.4mm or 0.25 inch.) See Figure 6.

(j) Place insulator along over contacts and dielectric until insulator butts against sleeve.

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(k) Press together all components.

NOTE: *THE CONTACT ON THE UNPLATED COPPER LEAD SLIDES INTO THE INSULATOR HOLE ADJACENT TO DOT, AS SHOWN IN FIGURE 7.*

(l) Insert assembly into plug housing, aligning slot in insulator with pin inside plug housing. Tighten clamp nut to 50 to 60 inch lbs. (Figure 8)

(m) Inspect for short circuiting between conductors as well as between each conductor and the plug housing.

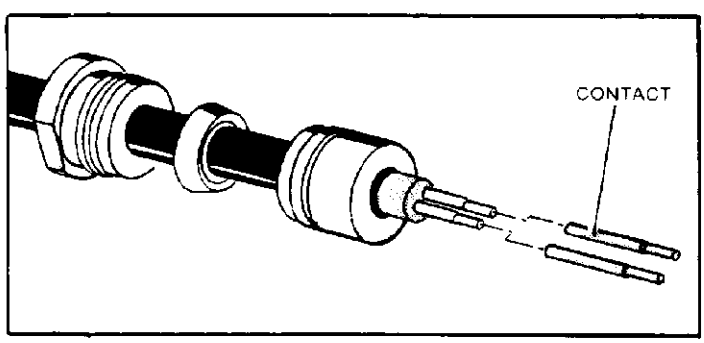

Figure 5

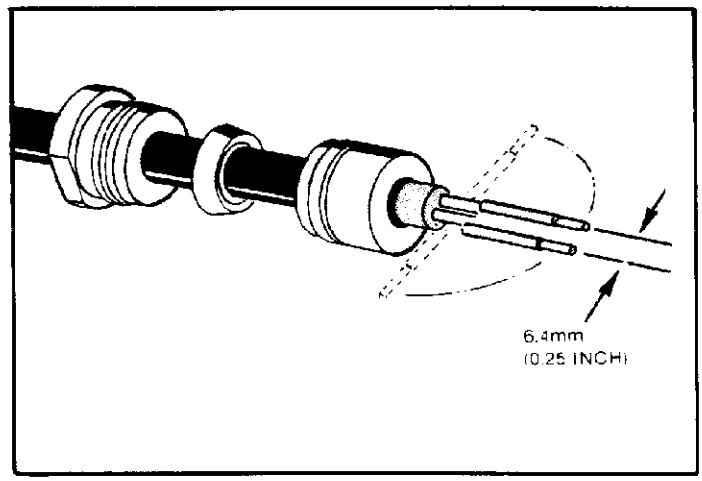

Figure 6

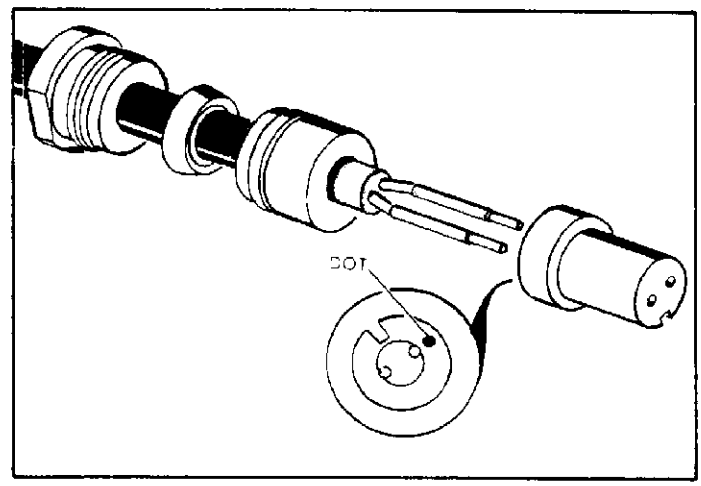

Figure 7

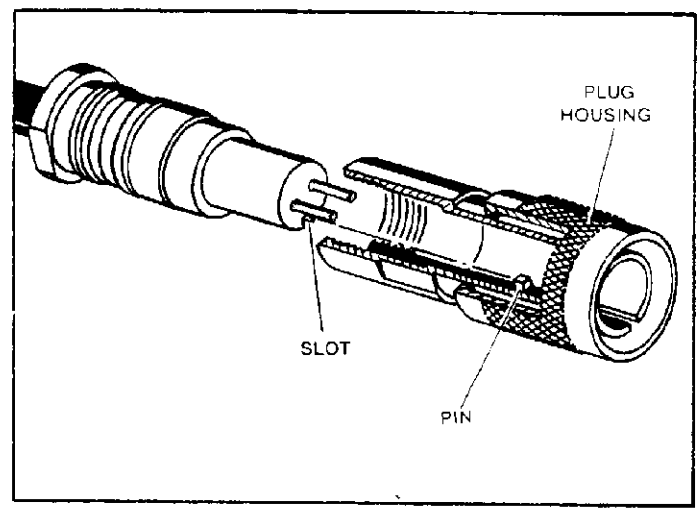

Figure 8