

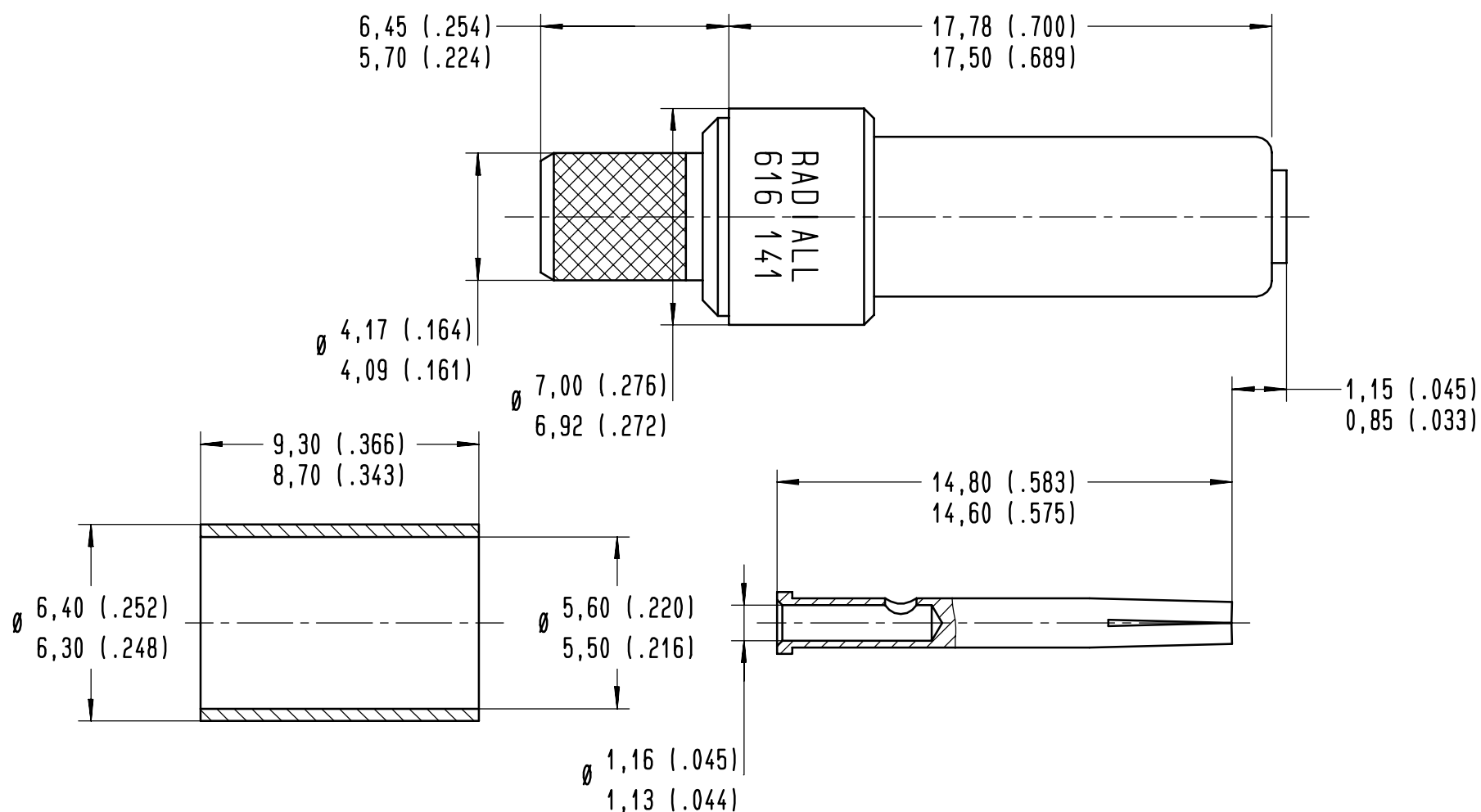


Series  
DSX

SIZE 9 COAXIAL PIN CONTACT  
FOR RG223, RG142, KX23 AND RG400 CABLES

Issue:  
20 FEB 08

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**MATERIAL:**

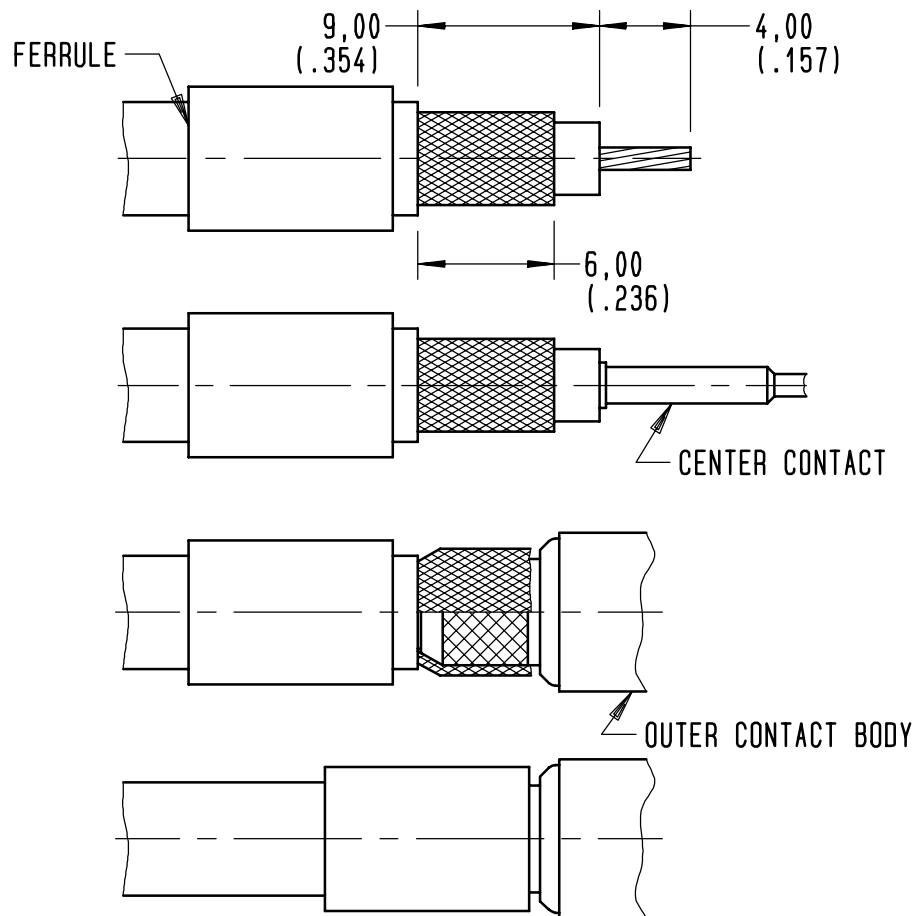
OUTER CONTACT, CRIMP BARREL AND FERRULE: COPPER ALLOY PER QQ-B-626  
CENTER CONTACT: BERYLLIUM COPPER PER ASTM-B-194  
INSULATOR: PTFE PER ASTM-D-1710 OR EQUIVALENT

**FINISH:**

ALL METALIC PARTS: .00005 OF GOLD PER MIL-G-45204 TYPE I OR II  
GRADE C OR D, CLASS 1 OVER NICKEL PER QQ-N-290

**DESIGN REQUIREMENTS**

TEMPERATURE RANGE: -65° C TO +165° C  
IMPEDANCE: 50 OHMS NOMINAL  
RATED VOLTAGE: 325 V RMS AT SEA LEVEL  
VSWR: 1.10:1 FREQUENCY RANGE : 0 - 300 MHZ  
VSWR: 1.30:1 FREQUENCY RANGE : 300 - 500 MHZ  
FREQUENCY RANGE: 0 - 500 MHZ  
DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS AT SEA LEVEL



STRIP CABLE TO DIMENSIONS SHOWN ABOVE  
SLIDE FERRULE OVER THE CABLE

SLIDE CENTER CONTACT BARREL OVER CABLE CONDUCTOR  
CONTACT SHOULDER BUTTING AGAINST CABLE DIELECTRIC  
CRIMP CENTER CONTACT  
CRIMPING TOOL M22520/2-01 RADIAL 282281  
SELECTOR ON: 8  
SELECTOR ON: 6 for RG400 CABLE  
POSITIONER: RADIAL 282974

FLARE BRAID, INSERT CENTER CONTACT INTO THE OUTER  
CONTACT BODY  
PLACE BRAID OVER KNURLED PART OF OUTER CONTACT BODY

SLIDE FERRULE OVER BRAID UNTIL IT BUTTS AGAINST SHOULDER  
OF OUTER CONTACT BODY  
CRIMP FERRULE  
CRIMPING TOOL: M22520/5-01 RADIAL 282293  
DIE: M22520/5-05 RADIAL 282246 HEX.A 5,4 (.212) / FLATS

4112-9610

Issue	Revisions	Name	Approved
20 FEB 08	17,78(.700) / 17,50(.689) WAS 20,30(.799) / 20,15(.794)	MONDOT	BROCHET
29 AUG 05	ADDED RG400 CABLE	VALGRESY	GOMBERT
24 FEB 99	REDRAWN	VALGRESY	JACOB

A616141