

E

D

C

B

A

Technical drawing of a metal shroud "D" connector receptacle. The drawing includes three views: a top view, a side view, and a bottom view. Dimensions are provided in inches and millimeters. Key features include two .122 (3.10) diameter holes, a cable slot, a cover (strain relief), a cover (plain), a tail plug, a base plug, a metal shroud, and a contact (male). The drawing is labeled "CUSTOMER DRAWING".

DIMENSIONS IN INCHES (MILLIMETERS)
DO NOT SCALE DRAWING

Dwg. No.
CWR-280-XX-0203

NOTES:

1. Dimensions are in inches; dimensions in () are millimeters.
2. Metric equivalents are given for general information only, and are based upon 1.00 inches equals (25.4) millimeters.
3. Unless otherwise specified, tolerances are $\pm .005$ (.13) for three place decimals, and $\pm .01$ (.3) for two place decimals.

MATERIALS:

PLASTIC PARTS — UL94V-0 thermoplastic (blue, standard) flame retardant.

CONTACTS — Phosphor bronze.

CONTACT PLATING— .000100 (Min.) Tin Plating
All Over .000050 Min. Nickel

OPERATING STANDARDS:

TEMPERATURE RATING — 125° C

CONTACT RATING — 1 ampere.

DIELECTRIC STRENGTH — Over 500V.D.C. at sea level.

CONDUCTORS ACCEPTED — 28-30 AWG solid or stranded.

INSULATION RESISTANCE — Greater than 5×10^9 ohms.

NO. CONTS.	A	B	C	D	E
9	1.224 (31.09)	.984 (24.99)	.762 (19.35)	.656 (16.66)	.434 (11.02)
15	1.552 (39.42)	1.312 (33.32)	1.088 (27.64)	.982 (24.94)	.760 (19.30)
25	2.092 (53.14)	1.852 (47.04)	1.632 (41.45)	1.526 (38.76)	1.303 (33.10)
37	2.740 (69.60)	2.500 (63.50)	2.284 (58.01)	2.178 (55.32)	1.955 (49.66)

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FORM-B4

REVISIONS

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RELEASED
DGW 9-18-2006
SEP 20 2006

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CW INDUSTRIES
Southampton, Pa. 18966

TOLERANCES UNLESS OTHERWISE SPECIFIED
2 Place Decimal $\pm .010$ METRIC
3 Place Decimal $\pm .005$ 1 Place Dec. $\pm .25$ mm
Angles $\pm 1^\circ$ 2 Place Dec. $\pm .13$ mm

Made for: CW IND.

Drawn by: DGW 9-18-2006

Checked by: G. Gould 9-19-06

Approval: [Signature] 9-19-06

Division: CONNECTER

Dwg. No. CWR-280-XX-0203

Title: METAL SHROUD "D" CONNECTER RECEPTACLE (MALE CONTACTS)

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