

D-Subminiature IDC Termination M23 Series



PART NUMBER LEGEND

M23X - XXX - XX - X

MATING FACE MOUNTING OPTIONS:

- 01 = .130" mounting holes
- 02 = #4-40 threaded flush inserts

BODY CONSTRUCTION

- 01 = Metal shell
- 02 = All plastic body

NUMBER OF POSITIONS

09, 15, 25, 37, 50

CONTACT TYPE

- P = Plug
- S = Socket

PLATING

- T = Selective flash gold
- 8 = 30 μ m. Select Gold Nominal

SPECIFICATIONS:

Material:

Shell: Steel, tin-plated
Insulator: Polybutylene Terephthalate (PBT), glass reinforced thermoplastic, rated UL 94V-0
Insulator color: Black
Optional color: Blue, Gray available
Contacts: Phosphor Bronze
Rivet insert: Brass, nickel-plated

Plating:

Per MIL-G-45204, Type II, Grade C on contact area over 50 μ m nominal nickel underplate to QQ-N-290, Class 2, Grade C with tin plating on IDC tails.

Electrical:

Operation voltage: 250 VDC max
Current rating: 3 Amps max
Contact resistance: 20 m Ω max
Insulation resistance: 3000 M Ω min @ 500 VDC between adjacent contacts
Dielectric withstanding voltage: 1000 VAC RMS (sea level)
Capacitance: 2 pF max between adjacent contacts

Mechanical:

Recommended wire size: 28 AWG. stranded

Environmental:

Operating temperature: -55°C to +105°C

MATING OPTIONS:

Mates with Methode D-Sub Series M21 and M22 and all industry standard D-Subminiature connectors

ACCESSORIES:

Dustcovers, hardware

PACKAGING:

Anti-static plastic trays available

APPROVALS AND CERTIFICATIONS:

Select parts recognized under the component program of Underwriters Laboratories, Inc. No. E167232
Certified by Canadian Standards Association No. LR75112



North and South America:

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Far East:

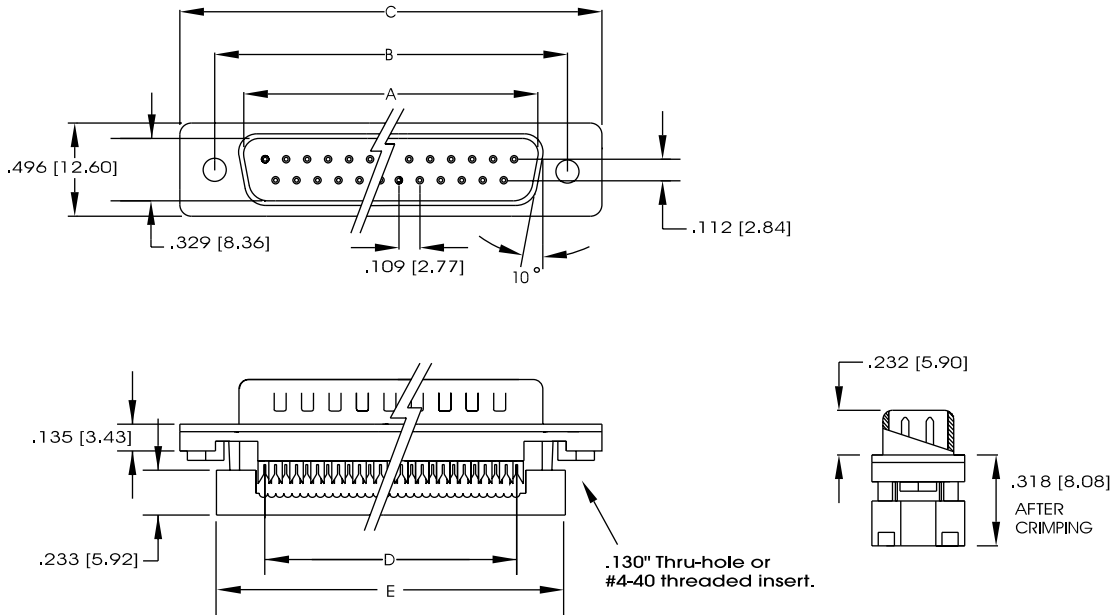
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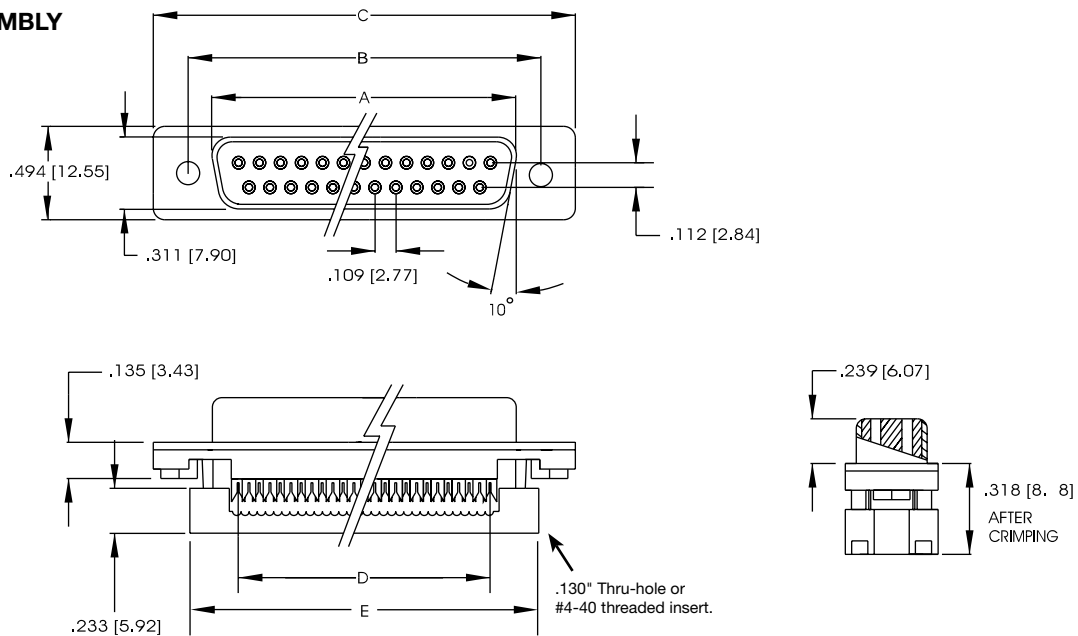
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PLUG ASSEMBLY



SOCKET ASSEMBLY



Unit: Inch / mm

Dimensional: Socket Assembly					
CONTACTS	A	B	C	D	E
9	.643 (16.33)	.984 (24.99)	1.213 (30.81)	.400 (10.16)	.882 (22.40)
15	.971 (24.66)	1.312 (33.32)	1.541 (39.14)	.700 (17.78)	1.213 (30.80)
25	1.511 (38.38)	1.852 (47.04)	2.088 (53.04)	1.200 (30.48)	1.752 (44.50)
37	2.159 (54.84)	2.500 (63.50)	2.729 (69.32)	1.800 (45.72)	2.417 (61.40)

Dimensional: Plug Assembly					
CONTACTS	A	B	C	D	E
9	.666 (16.92)	.984 (24.99)	1.213 (30.81)	.400 (10.16)	.882 (22.40)
15	.994 (25.25)	1.312 (33.32)	1.541 (39.14)	.700 (17.78)	1.213 (30.80)
25	1.534 (38.96)	1.852 (47.04)	2.088 (53.04)	1.200 (30.48)	1.752 (44.50)
37	2.182 (55.42)	2.500 (63.50)	2.729 (69.32)	1.800 (45.72)	2.417 (61.40)

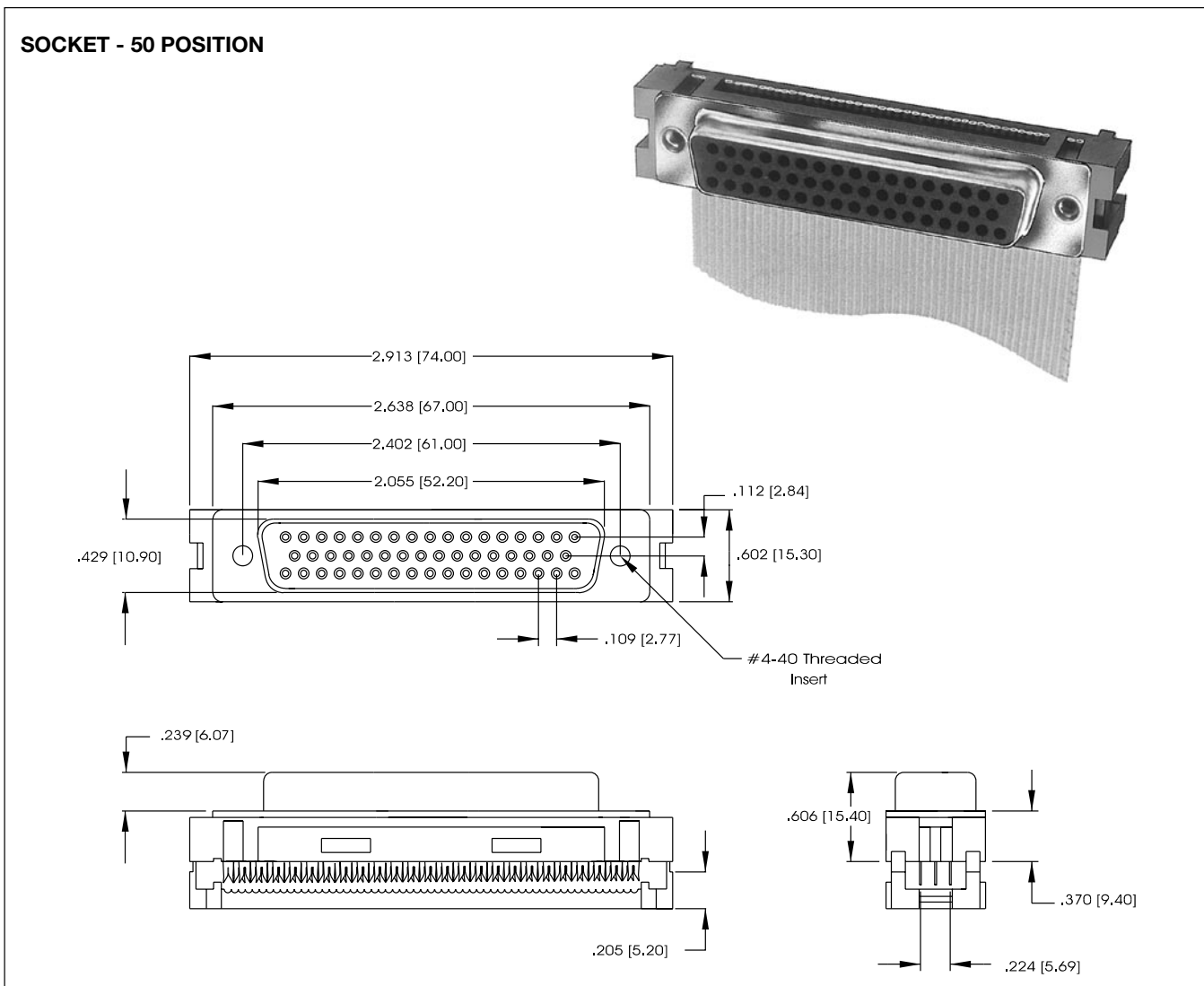
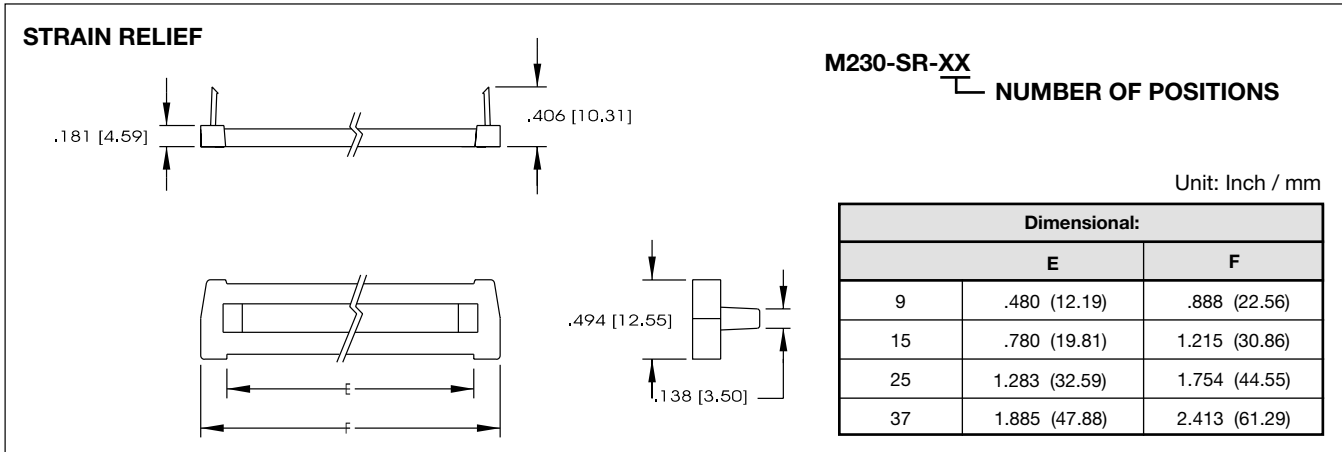


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