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## HIGH DENSITY SOLDER CUP CONNECTORS - D3 SERIES

### SPECIFICATIONS:

#### MECHANICAL:

Shell: steel

Finish: tin plated

Insulator: thermoplastic UL94V0

#### CONTACTS:

Stamped Pin: copper alloy

Contact Engagement Force: max. 12 oz. [3.40N]

Contact Separation Force: max. 0.75 oz. [0.20N]

Finish: reference drawing

#### ELECTRICAL:

Current Rating: 3 amps

Voltage Rating : 250 vac

Dielectric Withstanding Voltage: 1000 vac @ 1 minute

Insulation Resistance: 500 meg ohm @ 500 vdc

Contact Resistance: <15 milli ohms (mated)

Temperature Range: -55° TO +105° C

#### Available Sizes:

Male: 15, 26, 44, 62, & 78 position

Female: 15, 26, 44, 62, & 78 position

[RoHS Compliant](#)

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COMPLIANCE](#)



### Part Numbers

XD3E15PTES

XD3E15STS

XD3E26PTES

XD3E26STS

XD3E44PTES

XD3E44STS

XD3E62PTES

XDE362STS

XD3E78PTES

XD3E78STS

[Click here for Non-RoHS Compliant Product Part Number Page](#)

# D-SUB HIGH DENSITY SOLDER CUP CONNECTORS - D3 SERIES



NOTE A:

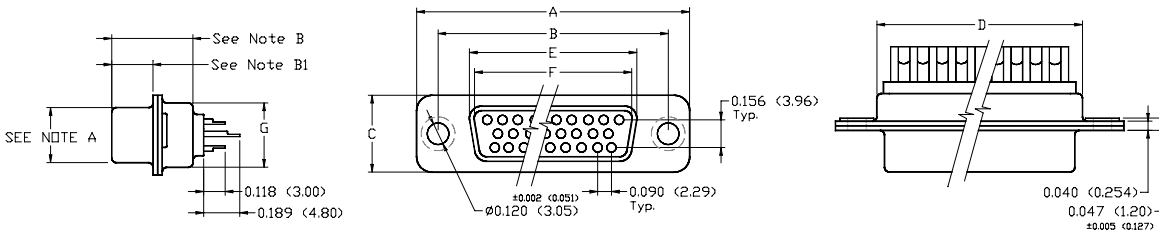
15, 26, 44, & 62C MALE: 0.329 (8.36) ±0.010 (±0.254)  
 FEMALE: 0.311 (7.90) ±0.010 (±0.254)  
 78C MALE: 0.439 (11.15) ±0.010 (±0.254)  
 FEMALE: 0.429 (10.90) ±0.010 (±0.254)

NOTE B:

15, 26, 44, & 62C: 0.429 (10.90) ±0.010 (±0.254)  
 78C: 0.431 (10.95) ±0.010 (±0.254)

NOTE B1:

15, 26, 44, & 62C: 0.232 (5.90) ±0.010 (±0.254)  
 78C: 0.240 (6.10) ±0.010 (±0.254)



## SPECIFICATIONS:

### MECHANICAL

Shell: Steel  
 Finish: Yellow Zinc or Tin Plate.  
 Insulator Material: Thermoplastic UL94V-0.  
 Insulator Color: Black

Contacts: Stamped: Copper Alloy.

Plating: Gold over Nickel.

Temperature Range: -55° to +105° C.

### ELECTRICAL

Voltage Rating: 300 VDC.  
 Current Rating: 3 Amps.  
 IR: > 3000 Meg OHms @ 500V  
 CR: < 15 Milliohms.  
 Dielectric Withstanding Voltage: AC 1000 V Min. (for 1 Minute).

D-SUB SOLDER CUP CONNECTORS – D3 SERIES - DIMENSIONS								
No. of Contacts	Shell Size	INCHES [MM]						
		A ±0.005 [±0.127]	B ±0.005 [±0.127]	C ±0.005 [±0.127]	D ±0.005 [±0.127]	E Max. Female ±0.005 [±0.127]	F Min. Male ±0.005 [±0.127]	G ±0.005 [±0.127]
15	E (9)	1.213 [30.81]	0.984 [24.99]	0.494 [12.55]	0.759 [19.28]	0.643 [16.33]	0.666 [16.92]	0.422 [10.72]
26	A (15)	1.541 [39.14]	1.310 [33.27]	0.494 [12.55]	1.089 [27.65]	0.971 [24.66]	0.994 [25.25]	0.422 [10.72]
44	B (25)	2.088 [53.04]	1.850 [46.99]	0.494 [12.55]	1.626 [41.30]	1.511 [38.38]	1.534 [38.96]	0.422 [10.72]
62	C (37)	2.730 [69.34]	2.500 [63.50]	0.494 [12.55]	2.261 [57.44]	2.159 [54.84]	2.182 [55.42]	0.422 [10.72]
78	D (50)	2.638 [67.00]	2.402 [61.00]	0.602 [15.30]	2.169 [55.10]	2.056 [52.20]	2.079 [52.81]	0.528 [13.40]

## ORDER INFORMATION

