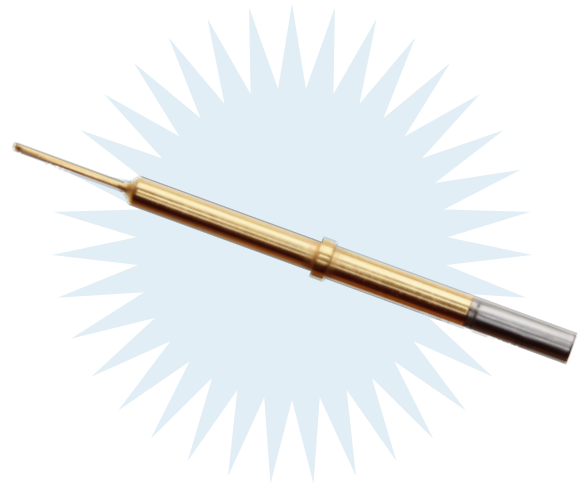


# #20 PC Tail Socket Contact

DS Series • MIL-DTL-38999 Series II Style Connectors

## DSST20 - 101

- 1 **BASIC PART NUMBER**  
**DSST20** DS Series #20 PCB socket contact  
 (MIL-DTL-38999 Series II compatible)
- 2 **DASH NUMBER**  
**101** Dash number determines contact length  
 See table below for dash number selection

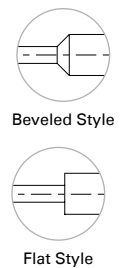
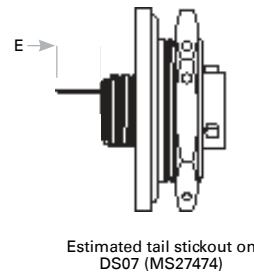
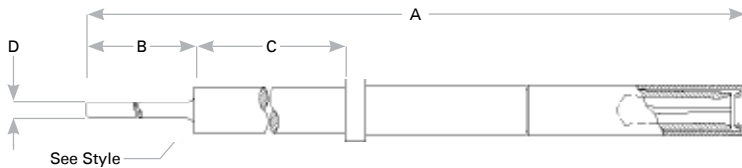


### Specifications

**SAE-AS39029 Compliant:** Mating interface meets or exceeds the requirements and specifications of M39029/57-357, except as indicated.  
**Contact Material:** Beryllium copper alloy body, Stainless steel hoods  
**Mating Interface Finish:** Gold plate per IAW ASTM B488-01, Type II, Code C, Class 1.25 (.000050 Min) over nickel IAW AMS QQ-N-290, Class 1, 0.000050 - 0.000100 thick.

### DSST20 Compatibility

Compatible Brands	Receptacles
<b>MIL-DTL-38999 Series II</b>	MS27472, MS27474, MS27497, MS27499, MS27508, MS27513
<b>Aero / Conesys</b>	AE272, AE274, AE297, AE299, AE208, AE213
<b>Amphenol</b>	JT00, JTPQ00, JT01, JT02, JTP02, JT07
<b>ITT Cannon</b>	KJ0, KJ2, KJ3, KJ5, KJ7
<b>Souriau</b>	8T1, 8T2, 8T3, 8T7



### Size #20 PC Tail Socket Contact Dimensions

Part Number	Popular	A	B	C	D	Shoulder Style	E Min - Max Tail Stickout <sup>†</sup> DS00 (MS27472) DS02 (MS27513) DS04 (MS27497) DS07 (MS27474)	E Min - Max Tail Stickout <sup>†</sup> DS03 (MS27508)
DSST20-101		.759 (19.28)	.218 (5.54)	.257 (6.53)	.019 (.48)	Beveled	—	.028 (.71) - .058 (1.47)
DSST20-102		.869 (22.07)	.328 (8.33)	.257 (6.53)	.019 (.48)	Beveled	.033 (.84) - .063 (1.60)	.138 (3.51) - .168 (4.27)
DSST20-103		1.022 (25.96)	.293 (7.44)	.445 (11.30)	.019 (.48)	Beveled	.186 (4.72) - .216 (5.49)	.291 (7.39) - .321 (8.15)
DSST20-104	★	1.151 (29.24)	.428 (10.87)	.445 (11.30)	.019 (.48)	Beveled	.315 (8.00) - .345 (8.76)	.420 (10.67) - .450 (11.43)
DSST20-105		1.364 (34.65)	.635 (16.13)	.445 (11.30)	.019 (.48)	Beveled	.528 (13.41) - .558 (14.17)	.633 (16.08) - .663 (16.84)

Dimensions are in inches (mm). <sup>†</sup>Stickout tolerance  $\pm 0.02$  (0.5mm). Stickout length dependent upon shell style. ★ Most popular call-outs, best in-stock solutions.  
 Tail stickout dimensions are for Milnec connectors. When used in compatible connectors from other brands, dimensions can vary as much as  $\pm 0.10$  inches due to manufacturing differences.