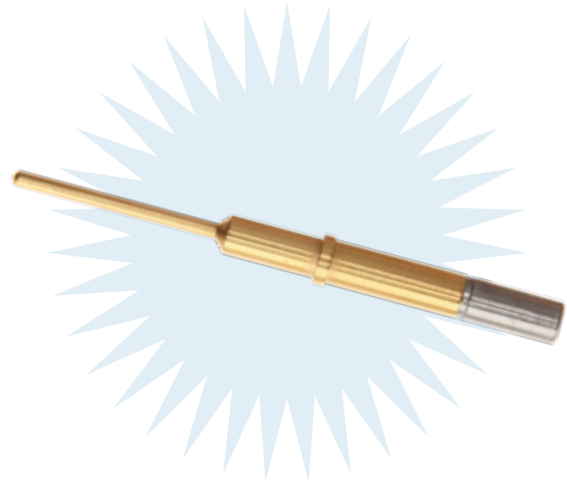


#16 PC Tail Socket Contact

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

DSST16 - 101

- 1 **BASIC PART NUMBER**
DSST16 DS Series #16 PC tail 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

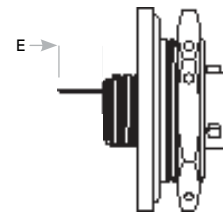
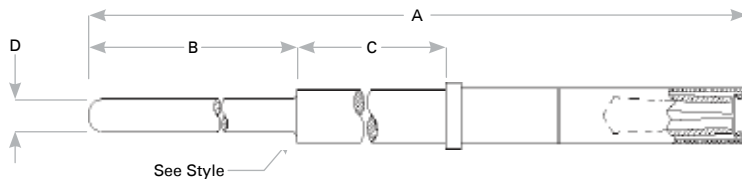
SAE-AS39029 Compliant: Mating interface meets or exceeds the requirements and specifications of M39029/57-358, except as indicated.

Contact Material: Beryllium copper alloy body, Stainless steel hoods

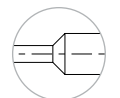
Mating Interface Finish: Gold plate per IAW ASTM B488-01, Type II, Code C, Class 1.25 (.000050 Min) over nickel IAW AMS QQ-N-290, Class 1, 0.000050 - 0.000100 thick.

DSST16 Compatibility

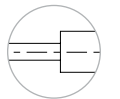
Compatible Brands	Receptacles
MIL-DTL-38999 Series II	MS27472, MS27474, MS27497, MS27499, MS27508, MS27513
Aero / Conesys	AE272, AE274, AE297, AE299, AE208, AE213
Amphenol	JT00, JTPQ00, JT01, JT02, JTP02, JT07
ITT Cannon	KJ0, KJ2, KJ3, KJ5, KJ7
Souriau	8T1, 8T2, 8T3, 8T7



Estimated tail stickout on DS07 (MS27474)



Beveled Style



Flat Style

Size #16 PC Tail Socket Contact Dimensions

Part Number	Popular	A	B	C	D	Shoulder Style	E Min - Max Tail Stickout [†] DS00 (MS27472) DS02 (MS27513) DS04 (MS27497) DS07 (MS27474)	E Min - Max Tail Stickout [†] DS03 (MS27508)
DSST16-102		.769 (19.53)	.205 (5.21)	.280 (7.11)	.062 (1.57)	Beveled	—	.038 (.97) - .068 (1.73)
DSST16-103		.804 (20.42)	.460 (11.68)	.060 (1.52)	.062 (1.57)	Beveled	—	.073 (1.85) - .103 (2.62)
DSST16-104		.859 (21.82)	.247 (6.27)	.328 (8.33)	.062 (1.57)	Beveled	.023 (.58) - .053 (1.35)	.128 (3.25) - .158 (4.01)
DSST16-105		.869 (22.07)	.305 (7.75)	.280 (7.11)	.062 (1.57)	Beveled	.033 (.84) - .063 (1.60)	.138 (3.51) - .168 (4.27)
DSST16-106	★	.919 (23.34)	.385 (9.78)	.250 (6.35)	.062 (1.57)	Beveled	.083 (2.11) - .113 (2.87)	.188 (4.78) - .218 (5.54)
DSST16-107	★	1.023 (25.98)	.411 (10.44)	.328 (8.33)	.062 (1.57)	Beveled	.187 (4.75) - .217 (5.51)	.292 (7.42) - .322 (8.18)
DSST16-108		1.038 (26.37)	.426 (10.82)	.328 (8.33)	.062 (1.57)	Beveled	.202 (5.13) - .232 (5.89)	.307 (7.80) - .337 (8.56)
DSST16-109	★	1.157 (29.39)	.545 (13.84)	.328 (8.33)	.062 (1.57)	Beveled	.321 (8.15) - .351 (8.92)	.426 (10.82) - .456 (11.58)

Dimensions are in inches (mm). [†]Stickout tolerance ± 0.02 (0.5mm). Stickout length dependent upon shell style. ★ Most popular call-outs, best in-stock solutions.

Tail stickout dimensions are for Miltec connectors. When used in compatible connectors from other brands, dimensions can vary as much as ± 0.10 inches due to manufacturing differences.