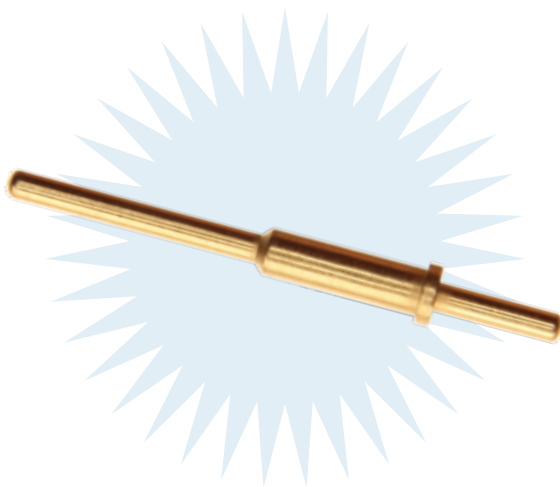


#16 PC Tail Pin Contact

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



DSPT16 - 106

- 1 **BASIC PART NUMBER**
DSPT16 DS Series #16 PC tail pin contact
 (MIL-DTL-38999 Series II compatible)
- 2 **DASH NUMBER**
106 Dash number determines contact length
 See table below for dash number selection

DSPT16 Compatibility

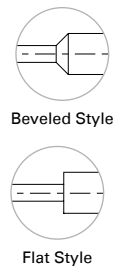
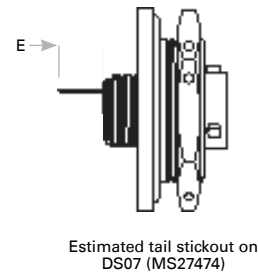
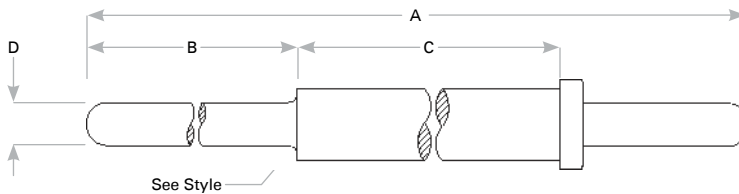
Compatible Brands	Receptacles
MIL-DTL-38999 Series II	MS27472, MS27474, MS27497, MS27499, MS27508, MS27513
Aero / Conesys	AE272, AE274, AE297, AE299, AE208, AE213
Amphenol	JT00, JTPQ00, JT01, JT02, JTP02, JT07
ITT Cannon	KJ0, KJ2, KJ3, KJ5, KJ7
Souriau	8T1, 8T2, 8T3, 8T7

Specifications

SAE-AS39029 Compliant: Mating interface meets or exceeds the requirements and specifications of M39029/58-364, except as indicated.

Contact Material: Beryllium copper alloy body

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.



Size #16 PC Tail Pin 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)
DSPT16-101	★	.870 (22.10)	.237 (6.02)	.328 (8.33)	.062 (1.58)	Flat	.034 (.86) - .064 (1.63)	.139 (3.53) - .169 (4.29)
DSPT16-102		.882 (22.40)	.305 (7.75)	.280 (7.11)	.062 (1.58)	Beveled	.046 (1.17) - .076 (1.93)	.151 (3.84) - .181 (4.60)
DSPT16-103		.940 (23.88)	.385 (9.78)	.250 (6.35)	.062 (1.58)	Beveled	.104 (2.64) - .134 (3.40)	.209 (5.31) - .239 (6.07)
DSPT16-104	★	1.044 (26.52)	.411 (10.44)	.328 (8.33)	.062 (1.58)	Beveled	.208 (5.28) - .238 (6.05)	.313 (7.95) - .343 (8.71)
DSPT16-105		1.058 (26.87)	.426 (10.82)	.328 (8.33)	.062 (1.58)	Beveled	.222 (5.64) - .252 (6.40)	.327 (8.31) - .357 (9.07)
DSPT16-106	★	1.178 (29.92)	.545 (13.84)	.328 (8.33)	.062 (1.58)	Beveled	.342 (8.69) - .372 (9.45)	.447 (11.35) - .477 (12.12)

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.

Rev. 1744