

#16 PC Tail Pin Contact

BM Series • MIL-DTL-26482 Series 2 Style Connectors

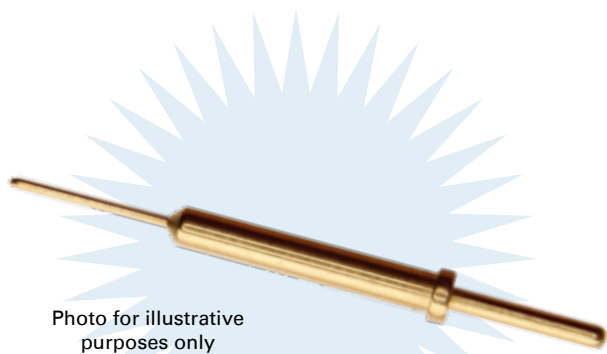


Photo for illustrative purposes only

BMPT16 - 041

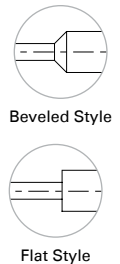
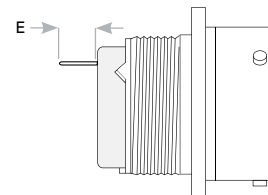
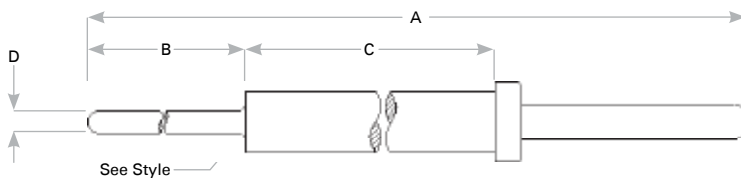
- 1 **BASIC PART NUMBER**
BMPT16 BM Series #16 PCB pin contact
(MIL-DTL-26482 Series 2 compatible)
- 2 **DASH NUMBER**
041 Dash number determines contact dimensions

BMPT16 Compatibility

Compatible Brands	Receptacles
MIL-DTL-26482 Series 2	MS3470, MS3471, MS3472, MS3474
Aero / Conesys	AE770, AE771, AE772, AE774
Amphenol / Matrix	MB10, MB11, MB13, MB14
Deutsch	AFD50, AFD51, AFD54, AFD58
Souriau	8526-0, 8526-7

Specifications

SAE-AS39029 Compliant: Mating interface meets or exceeds the requirements and specifications of M39029/4-111, except as indicated.
Contact Material: Beryllium copper alloy body
Mating Interface Finish: Gold plate per MIL-G-45204, Type II, Grade C, Class 1 (0.000050 Min) over nickel underplate per QQ-N-290, 0.000050 - 0.000100 thick.



Size #16 PC Tail Pin Contact Dimensions

Part Number	Popular	A	B	C	D	Shoulder Style	Shoulder Extension	E (Tail Stickout) [‡]
BMPT16-044		1.373 (34.87)	.189 (4.80)	.623 (15.82)	.062 (1.57)	Flat	—	.111 (2.82)
BMPT16-043		1.576 (40.03)	.520 (13.21)	.495 (12.57)	.057 (1.45)	Beveled	—	.314 (7.98)
BMPT16-042		1.682 (42.72)	.175 (4.45)	.946 (24.03)	.041 (1.04)	Beveled	.245 (6.22)	.420 (10.67)
BMPT16-045		1.744 (44.30)	.450 (11.43)	.732 (18.59)	.060 (1.52)	Beveled	.032 (0.81)	.482 (12.24)
BMPT16-041		1.795 (45.59)	.220 (5.59)	1.014 (25.76)	.041 (1.04)	Flat	.313 (7.95)	.533 (13.54)

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 Milnec connectors. When used in compatible connectors from other brands, dimensions can vary as much as ± 0.10 inches due to manufacturing differences.

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