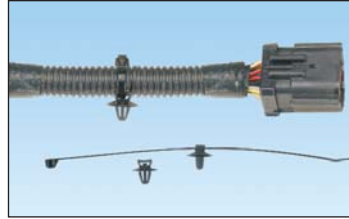


Push Barb Mounts and Assemblies

specifications

Fasteners for wire harnesses shall provide fifty pounds of pull-out force with no more than 45° maximum rotation of the installed bundle. When installed in the panel, the fastening method shall firmly retain a minimum wire gauge of 12 AWG within $\pm 10\text{mm}$ (.394") of the initial installation point. The mounts shall require no more than 9 – 14 pounds of insertion force. Mounts shall be self-tensioning to prevent rattles and degradation of the mount over the life of the application. The material for the mounts and the cable ties shall be black, weather resistant Nylon 6.6. Application temperature range shall be -60°C to $+85^{\circ}\text{C}$ (-76°F to $+185^{\circ}\text{F}$).



technical information

Material:	Weather resistant Nylon 6.6
Flammability:	Meets UL94 V-2, passes FMVSS 302
Color:	Black
Application temperature range:	-60°C to $+85^{\circ}\text{C}$ (-76°F to $+185^{\circ}\text{F}$) continuous
Chemical resistance at 21°C (70°F):	Excellent resistance to common transportation fluids including: ethylene glycol, gasoline, jet fuel, hydraulic fluid, transmission fluids and 10% sodium chloride solution
Insertion force:	9 – 14 pounds
Environmental compliance:	Meets 2000/53/EC ELV and 2002/95/EC RoHS standards and all industry standards for hazardous material content

key features and benefits

Robust barb design	Provides increased retention and lower insertion force, reducing operator fatigue and improving productivity
Exclusive contoured anvil head	Firmly retains a minimum wire gauge of 12 AWG (2mm \varnothing) within $\pm 10\text{mm}$ (.394") of the initial installation point, providing a low profile design
Assemblies with BT2S cable ties	Provides routing and anchoring for wire harnesses, significantly reducing harness assembly time
Production Parts Approval Process (PPAP), 3-D, and International Materials Data Sheet (IMDS) capability	Meets the needs of Verband der Automobilindustrie (VDA) and Automotive Industry Action Group (AIAG) compliant documentation, allowing parts to be listed to IMDS site ID

applications

PANDUIT push barb mounts and assemblies are a reliable and cost effective solution for securing wire harnesses in the mass transit-rail market. Designed for 6.4mm through holes and 2.0mm panel thickness, the push barb mounts insert easily and exceed manufacturers' requirements for

primary anchors of wire harnesses. The mounts are compatible with the standard, 203mm length *DOVE-TOP*® Barb Ty Cable Ties with a loop tensile of up to 50 pounds. The assembly is manufactured with the BT2S cable tie as well to reduce harness assembly time.

Push Barb Mounts

6.4mm nominal hole diameter,
2.0mm nominal panel thickness: PMA-065-M0

Push Barb Assemblies

6.4mm nominal hole diameter,
2.0mm nominal panel thickness: PMA-065-B2S-D0

Cable Ties Specifications

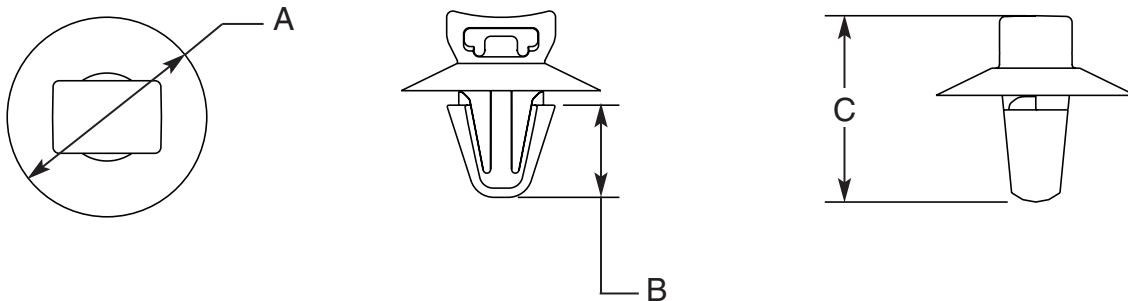
51mm bundle diameter, heat stabilized black.
Continuous use temperature -60°C to $+85^{\circ}\text{C}$ (-76°F to $+185^{\circ}\text{F}$): BT2S-M0

(For use with PMA-065-B2S-M0)

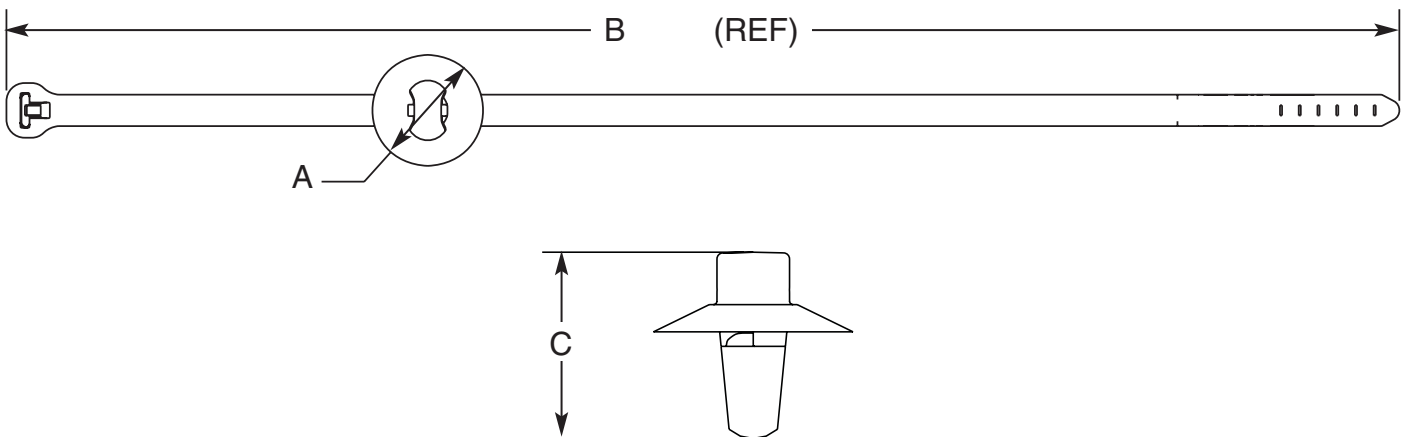
Push Barb Mounts and Assemblies

ordering information

Part Number	Used With Cable Ties	Footprint A		Barb Height B		Overall Height C		Nominal Hole Diameter		Nominal Panel Thickness		Std. Pkg. Qty.	Bulk Pkg. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
PMA-065-M0	Miniature, Intermediate, Standard	.65	16.5	.30	7.6	.60	15.3	.25	6.4	.08	2.0	1000	5000



Part Number	Footprint A		Overall Length B		Overall Height C		Nominal Hole Diameter		Nominal Panel Thickness		Std. Pkg. Qty.	Bulk Pkg. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
PMA-065-B2S-D0	.65	16.5	7.99	203	.60	15.3	.25	6.4	.08	2.0	1000	5000



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