WAKEFIELDTHERMAL

DC/DC CONVERTERS
HEAT SINK SOLUTIONS

2026
REV1.0



Total Thermal Solution

WAKEFIELDTHERMAL.COM | 603.635.2800

Full-Brick DC/DC Heat Sinks

557, 558, & 559 Series

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- Aluminum extruded fin construction keeps DC/DC converter modules cool in both forced and natural convection applications.
- Three fin heights, two flow direction options.
- Black anodize finish standard.
- Integral thermal interface pad option eliminates need to order and install pad separately.
- Ordering a single part number with the hardware kit option provides everything necessary to keep your converter cool.

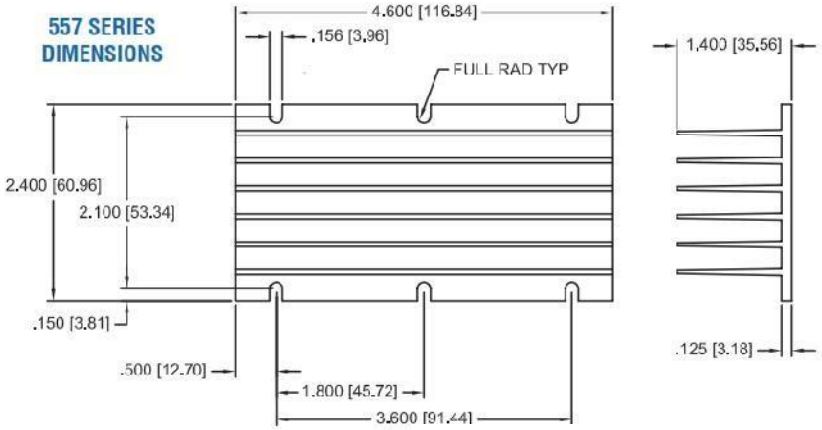


Full Brick 557, 558 & 559 Series	
Manufacturer	Recommended Series
Artesyn	AIF
Artesyn	AGF
CUI	VFB
Erricson	PKY
TDK	PAF
TDK	iFB

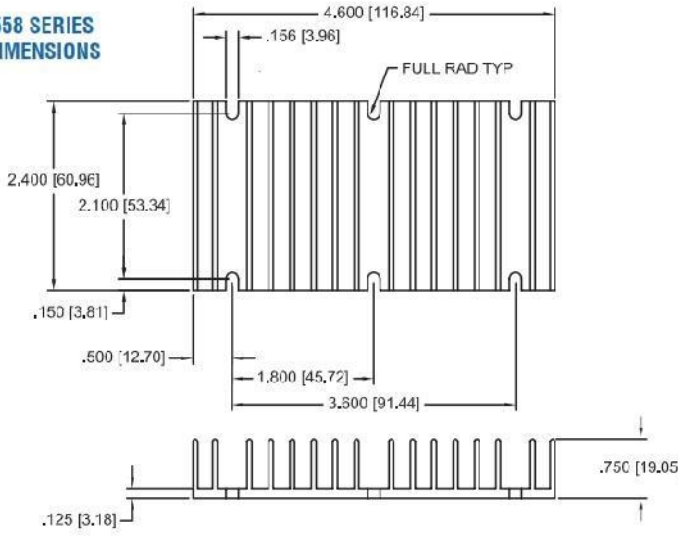
Standard P/N	Footprint Dimensions in. (mm)	Height in. (mm)	Fin Orientation	Number of Fins	Forced Convection Thermal Resistance at 300 ft/min (C/W)	Natural Convection Power Dissipation (Watts) 40°C Rise Heat Sink to Ambient
557-140AB	4.60 (116.8) x 2.40 (61.0)	1.40 (35.6)	Horizontal	6	1.3	14
558-75AB	2.40 (61.0) x 4.60 (116.8)	0.75 (19.1)	Vertical	16	1.8	12
559-50AB	2.40 (61.0) x 4.60 (116.8)	0.50 (12.7)	Vertical	27	2.2	10

Material: Aluminum, Black Anodized

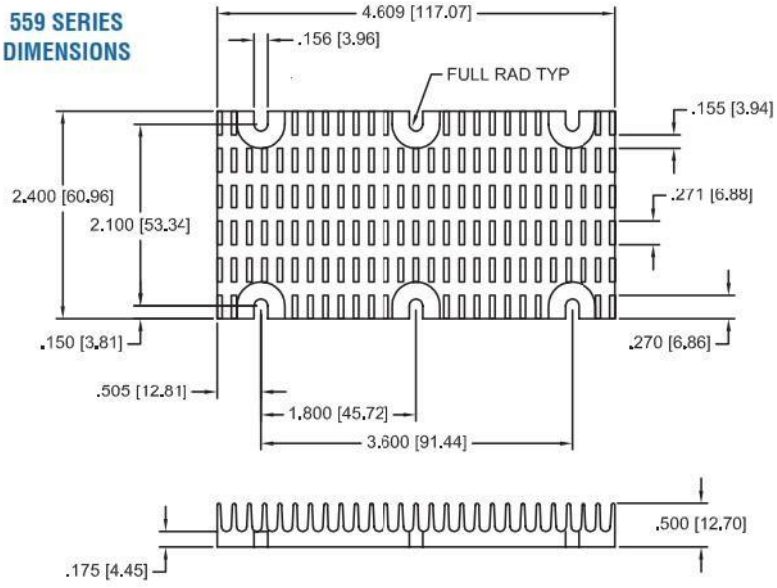
557 SERIES DIMENSIONS



558 SERIES DIMENSIONS



559 SERIES DIMENSIONS



Half-Brick DC/DC Heat Sinks

517 , 518 & 527 & 528 Series

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- Standard mounting hole patterns mate with the majority of "half-brick" DC/DC converters on the market.
- Aluminum extruded fin construction keeps DC/DC converter modules cool in both forced and natural convection applications.
- Vertical and horizontal fin configurations available in a variety of fin heights.
- Black anodize finish standard.
- Integral thermal interface pad option eliminates need to order and install pad separately.
- Ordering a single part number with the hardware kit option provides everything necessary to keep your converter cool.

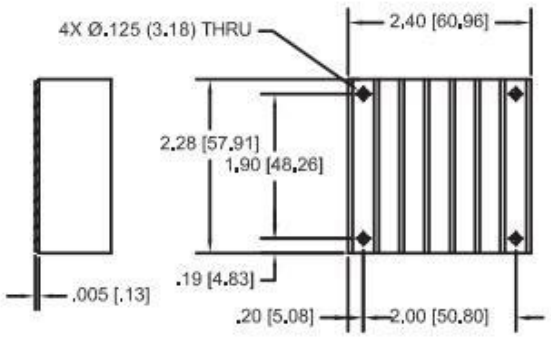


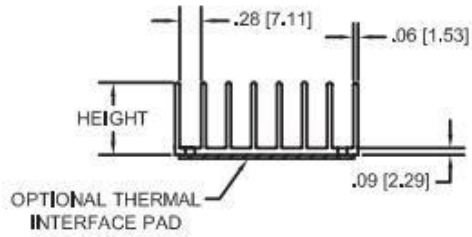
Standard P/N	Footprint Dimensions in. (mm)	Height in. (mm)	Fin Orientation	Number of Fins	THERMAL PERFORMANCE Natural Convection Power Dissipation (Watts) 60°C Rise Heat Sink to Ambient	Forced Convection Thermal Resistance at 300 ft/min (C/W)
517-95AB	2.28 (57.9) x 2.40 (61.0)	0.95 (24.1)	Horizontal	8	11W	2.1
527-45AB	2.28 (57.9) x 2.40 (61.0)	0.45 (11.4)	Horizontal	11	7W	2.3
527-24AB	2.28 (57.9) x 2.40 (61.0)	0.24 (6.1)	Horizontal	11	5W	4.2
518-95AB	2.40 (61.0) x 2.28 (57.9)	0.95 (24.1)	Vertical	8	11W	2.2
528-45AB	2.40 (61.0) x 2.28 (57.9)	0.45 (11.4)	Vertical	11	7W	2.1
528-24AB	2.40 (61.0) x 2.28 (57.9)	0.24 (6.1)	Vertical	11	5W	3.5

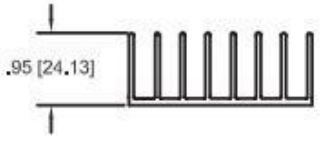
Material: Aluminum, Black Anodized

Half Brick 517-518/ 527-528 Series	
Manufacturer	Recommended Series
Artesyn	AIH
Artesyn	AGH
Artesyn	AVE
Artesyn	RF
CUI	VHB
CUI	VHE
Erricson	PKJ
muRata	PAH
muRata	MEE
power-one	HH
power-one	HBA
TDK	PAH
TDK	iHG
TDK	iHI

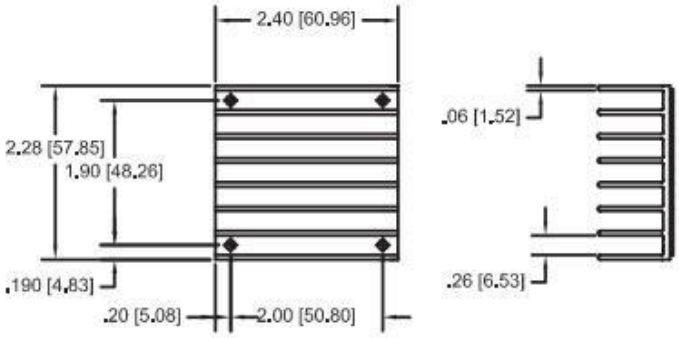
517/527 SERIES DIMENSIONS

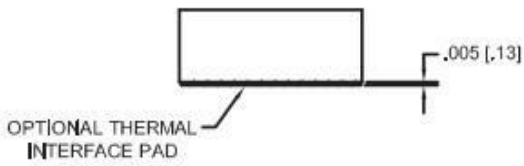


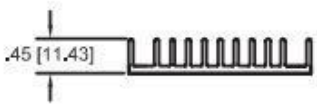




518/528 SERIES DIMENSIONS









Quarter-Brick DC/DC Heat Sinks

537 & 547 Series

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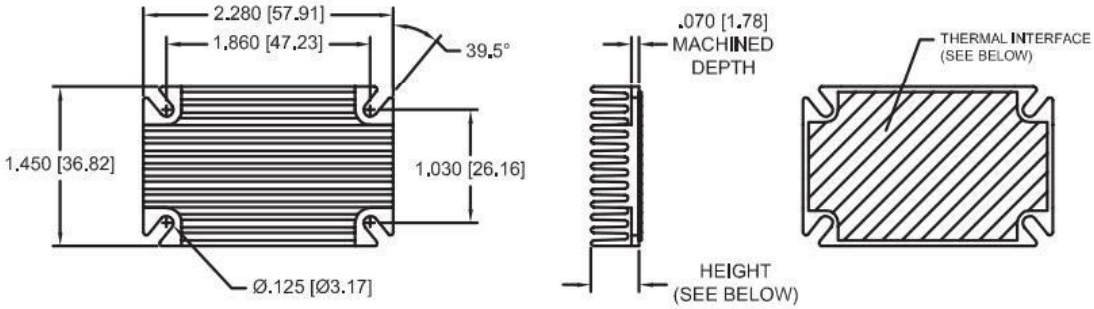
- Mounting slots accommodate two hole patterns: 1.86" x 1.03" and 2.00" x 1.20", fitting the vast majority of quarter brick converters on the market.
- Designed for optimum use in forced convection applications.
- Vertical and horizontal fin configurations available in a variety of fin heights.
- Black anodize finish standard.
- Integral thermal interface pad option eliminates need to order and install pad separately.
- Ordering a single part number with the hardware kit option provides everything necessary to keep your converter cool.



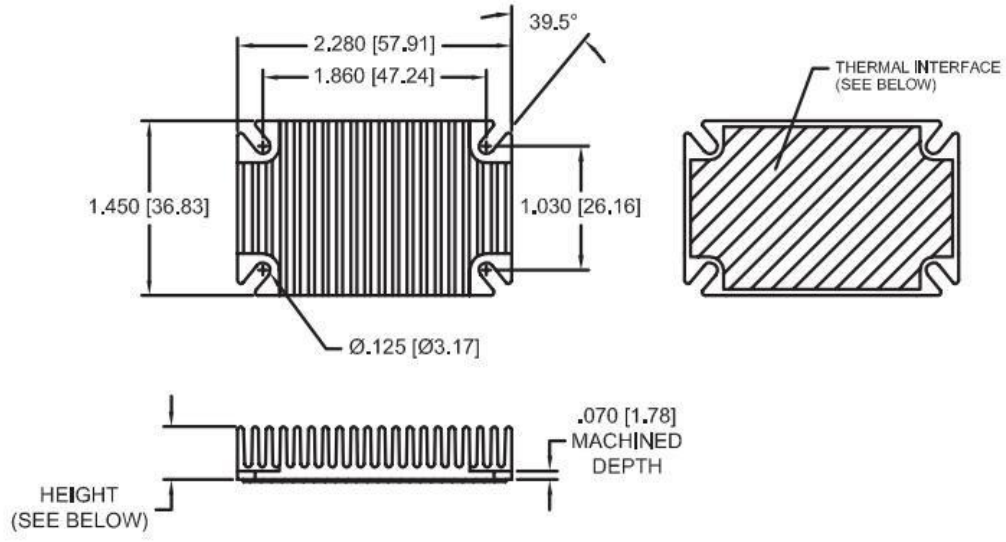
Standard P/N	Footprint Dimensions in. (mm)	Height in. (mm)	Fin Orientation	Number of Fins	Forced Convection Thermal Resistance at 300 ft/min (C/W)
537-95AB	2.28 (57.9) x 1.45 (36.8)	0.95 (24.1)	Horizontal	8	2.1
537-45AB	2.28 (57.9) x 1.45 (36.8)	0.45 (11.4)	Horizontal	13	2.3
537-24AB	2.28 (57.9) x 1.45 (36.8)	0.24 (6.1)	Horizontal	14	4.2
547-95AB	1.45 (36.8) x 2.28 (57.9)	0.95 (24.1)	Vertical	11	2.2
547-45AB	1.45 (36.8) x 2.28 (57.9)	0.45 (11.4)	Vertical	20	2.1
547-24AB	1.45 (36.8) x 2.28 (57.9)	0.24 (6.1)	Vertical	22	3.5

Material: Aluminum, Black Anodized

Quarter Brick 537/ 547 Series	
Manufacturer	Recommended Series
Artesyn	LQS
Artesyn	AIQ
Artesyn	AVO
Artesyn	AGQ
CUI	VQE
Erricson	PKM
Erricson	BMR
muRata	UVQ
muRata	UQQ
muRata	HPQ
muRata	UWQ
muRata	RBQ
power-one	UIS
power-one	UIQ
power-one	Q
TDK	PAQ
TDK	PH-A
TDK	iQE
TDK	iQL
TDK	iQG
TDK	iQB



547 SERIES DIMENSIONS



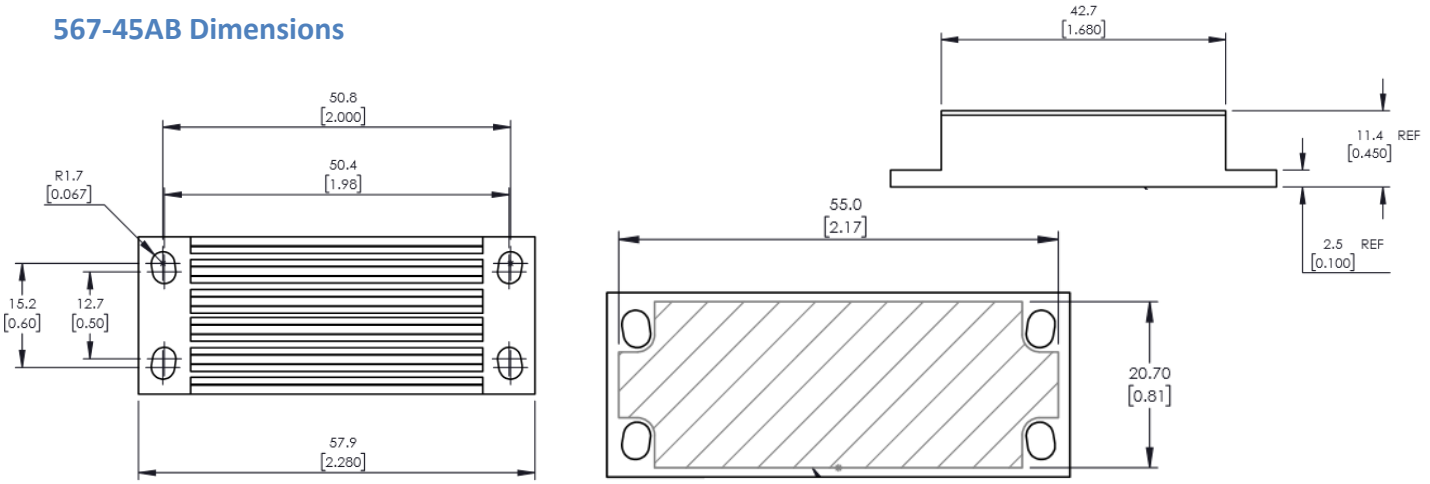
Eighth DC/DC Heat Sinks

567, 568, 569 Series

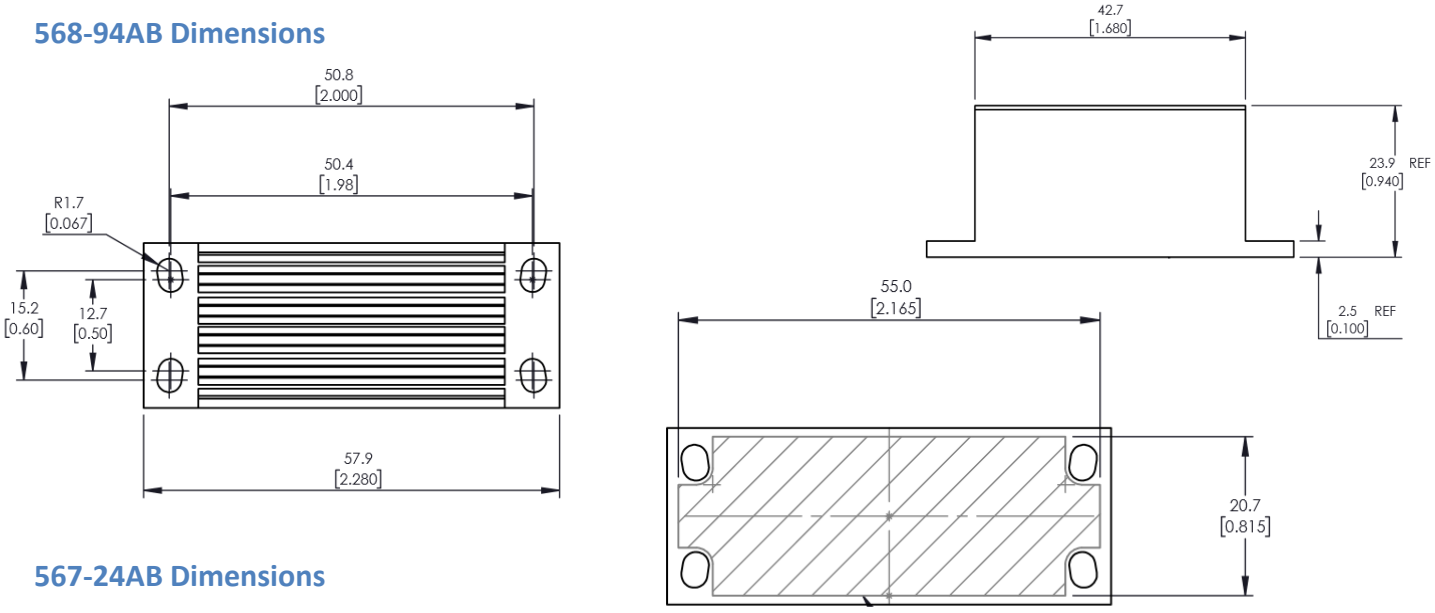
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WKV Part Number	Length inches (mm)	Width inches (mm)	Fin Height inches (mm)	Number of Fins	Thermal Resistance [°C/W] @ 300 LFM
567-24AB	2.17 (55)	.81 (20.7)	.241 (6.1)	6	7.2
567-45AB	2.17 (55)	.81 (20.7)	.45 (11.4)	6	4.3
567-94AB	2.28 (57.9)	2.165 (55)	.94 (23.9)	6	2.2

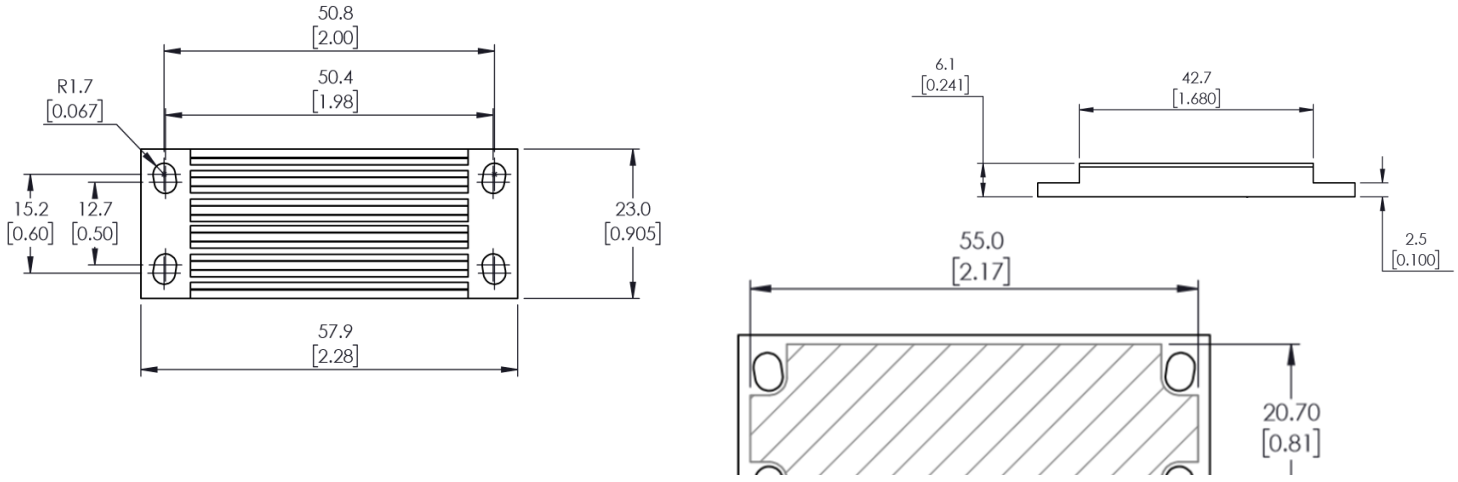
567-45AB Dimensions



568-94AB Dimensions



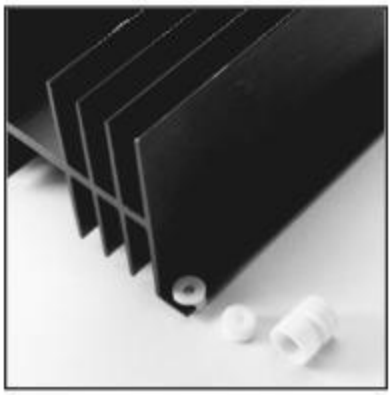
567-24AB Dimensions

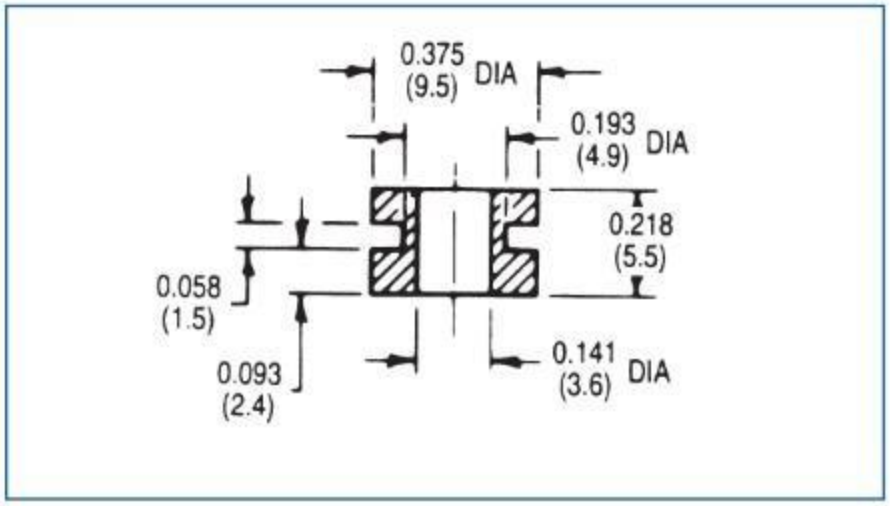


100 SERIES *Teflon Mounting Insulators*

Standard P/N	Description	For Use with Series	Mounting Hardware	Material	Hipot Rating (VAC)	Weight lbs. (grams)
103	Spool-shaped insulator	300, 400, 600, 111, 113	#6-32 screw	Teflon	1500	0.00012 (0.05)
107	Spool-shaped insulator	300, 400, 600, 111, 113	#6-32 screw, nut	Teflon	5000	0.0034 (1.54)

103 SERIES





107 SERIES

