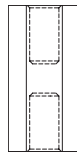
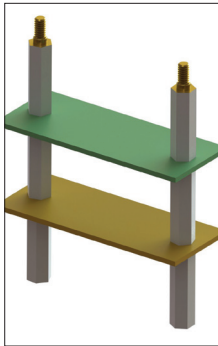


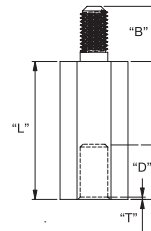
PCB & ELECTRONICS HARDWARE

LOW VOLTAGE INSULATORS

HSM Metric Hex Low Voltage Insulators



Style 1
(Insert/Insert)



Style 2
(Insert/Stud)



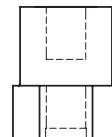
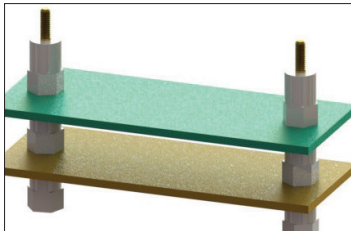
Style 3
(Stud/Stud)

- Voltage Breakdown > 45,000 volts (>360 Volts/Mil) per ASTM-D-149-97A
- For use where high mechanical strength is required
- Provides sturdy, insulated spacing for high power electronic applications
- Material: Spacer: UL94 V-2 Nylon 6/6
- Color: Natural
- Inserts: Brass

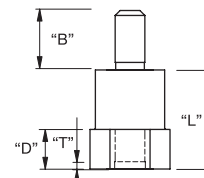
Item No.	Thread	Style	"L" Standoff Height mm	Across Flats mm	"B" Stud Length mm	"D" mm	"T" mm	Bulk Pack Qty.
HSM3-6.4-15-1	M3	1	15	6.4	6	6	0.75	100
HSM3-6.4-15-2	M3	2	15	6.4	6	6	0.75	100
HSM3-6.4-15-3	M3	3	15	6.4	6	6	0.75	100
HSM3-6.4-20-1	M3	1	20	6.4	6	6	0.75	100
HSM3-6.4-20-2	M3	2	20	6.4	6	6	0.75	100
HSM3-6.4-20-3	M3	3	20	6.4	6	6	0.75	100
HSM3-6.4-25-1	M3	1	25	6.4	6	6	0.75	100
HSM3-6.4-25-2	M3	2	25	6.4	6	6	0.75	100
HSM3-6.4-25-3	M3	3	25	6.4	6	6	0.75	100
HSM3-6.4-30-1	M3	1	30	6.4	6	6	0.75	100
HSM3-6.4-30-2	M3	2	30	6.4	6	6	0.75	100
HSM3-6.4-30-3	M3	3	30	6.4	6	6	0.75	100
HSM3-6.4-32-1	M3	1	32	6.4	6	6	0.75	100
HSM3-6.4-32-2	M3	2	32	6.4	6	6	0.75	100
HSM3-6.4-32-3	M3	3	32	6.4	6	6	0.75	100

Item No.	Thread	Style	"L" Standoff Height mm	Across Flats mm	"B" Stud Length mm	"D" mm	"T" mm	Bulk Pack Qty.
HSM4-8-15-1	M4	1	15	8	6	6	1.05	100
HSM4-8-15-2	M4	2	15	8	6	6	1.05	100
HSM4-8-15-3	M4	3	15	8	6	6	1.05	100
HSM4-8-20-1	M4	1	20	8	6	6	1.05	100
HSM4-8-20-2	M4	2	20	8	6	6	1.05	100
HSM4-8-20-3	M4	3	20	8	6	6	1.05	100
HSM4-8-25-1	M4	1	25	8	6	6	1.05	100
HSM4-8-25-2	M4	2	25	8	6	6	1.05	100
HSM4-8-25-3	M4	3	25	8	6	6	1.05	100
HSM4-8-30-1	M4	1	30	8	6	6	1.05	100
HSM4-8-30-2	M4	2	30	8	6	6	1.05	100
HSM4-8-30-3	M4	3	30	8	6	6	1.05	100
HSM4-8-32-1	M4	1	32	8	6	6	1.05	100
HSM4-8-32-2	M4	2	32	8	6	6	1.05	100
HSM4-8-32-3	M4	3	32	8	6	6	1.05	100

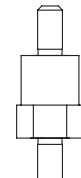
MTNSP Metric Micro Low Voltage Insulators



Part Suffix 1
(Insert/Insert)



Part Suffix 2
(Insert/Stud)

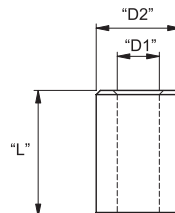
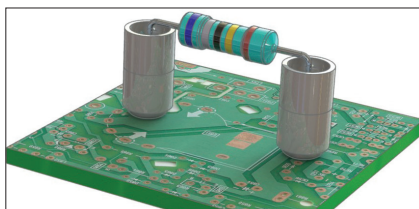


Part Suffix 3
(Stud/Stud)

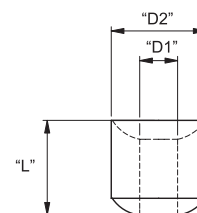
- Metal insert and/or stud is inserted into the nylon spacer
- For use where high mechanical strength is required
- Provides sturdy, insulated spacing for high power electronic applications
- Material: Spacer: UL94 HB Nylon 6
- Color: Natural
- Inserts: Brass, Nickel Plating

Item No.	Thread	"L" Standoff Height mm	Across Flats mm	"B" Stud Length mm	"D" Insert Depth mm	"T" mm	Bulk Pack Qty.
MTNSP-M3-10-1	M3	10	7	6	4	0.75	100
MTNSP-M3-10-2	M3	10	7	6	4	0.75	100
MTNSP-M3-10-3	M3	10	7	6	4	0.75	100
MTNSP-M3-11-1	M3	11	7	6	4	0.75	100
MTNSP-M3-11-2	M3	11	7	6	4	0.75	100
MTNSP-M3-11-3	M3	11	7	6	4	0.75	100

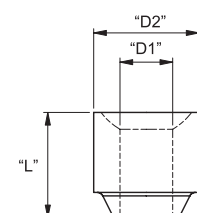
CER Ceramic Beads



Style 1



Style 2



Style 3

- Maximum operating temperature: 1832°F (1000°C)
- Parts are stackable
- Material: Steatite C220 Ceramic
- Color: Natural

Item No.	"D1" I.D.	"D2" O.D.	"L"	Style	Bulk Pack Qty.
CER-1	.079 (2)	.158 (4)	.237 (6)	1	1,000
CER-2	.063 (1.6)	.178 (4.5)	.315 (8)	1	1,000
CER-3	.063 (1.6)	.178 (4.5)	.394 (10)	1	1,000
CER-4	.040 (1)	.119 (3)	.119 (3)	2	1,000
CER-5	.071 (1.8)	.178 (4.5)	.178 (4.5)	2	1,000
CER-6	.040 (1)	.119 (3)	.197 (5)	2	1,000
CER-7	.098 (2.5)	.197 (5)	.197 (5)	3	1,000