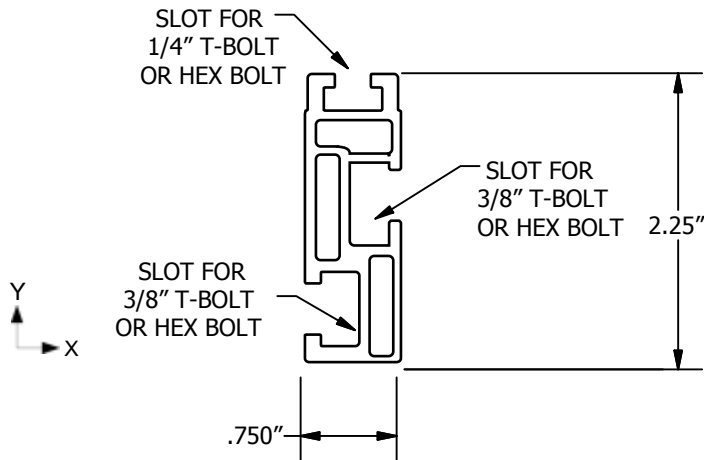


SWH Solar Mount Rail

MFG-PN: MR-SW-SR-10.5, MR-SW-SR-12, MR-SW-SR-12B, MR-SW-SR-14, MR-SW-SR-14B, MR-SW-SR-15.5, MR-SW-SR-15.5B, MR-SW-SR-17.5

Domestic Content MFG-PN: MR-SW-SR-15.5-US, MR-SW-SR-15.5B-US, MR-SW-SR-17.5-US



- **Rail material:** 6063-T5 extruded aluminum alloy
- **Finish:** Clear or black anodized

CONFORMS TO UL STD 2703



Properties	Units	Solar Mount
Beam Height	in	2.250
Approximate Weight	plf	0.700
Total Cross Sectional Area	in ²	0.588
Area Moment of Inertia X-Axis	in ⁴	0.299 ¹
Area Moment of Inertia Y-Axis	in ⁴	0.038 ¹
Tensile Strength	MPa	190.249 ¹
Yield Strength	MPa	165.732 ¹
Elongation (G.L.=25mm)	%	17.2
Hardness (HR15T)		71

¹updated 6/12/2012

Typical Composition

Material	% Si	% Fe	% Cu	% Mn	% Mg	% Zn	% Ni	% Cr	% Pb	% Sn	% Ti	% Al
6063	0.3972	0.2679	0.0469	0.0666	0.4936	0.0436	0.0056	0.0205	0.0010	0.0044	0.0188	98.6

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