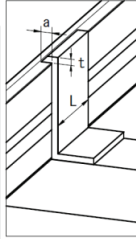
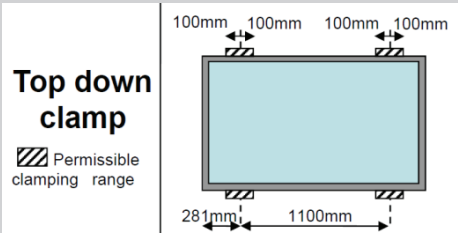
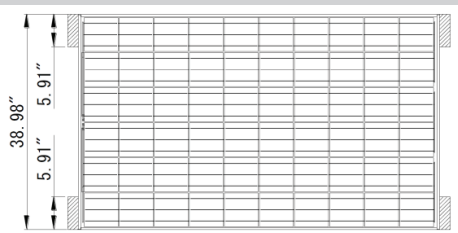
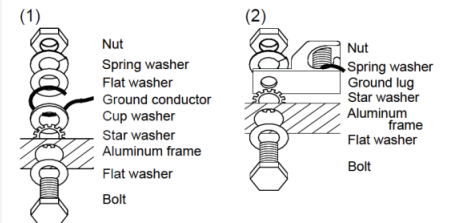
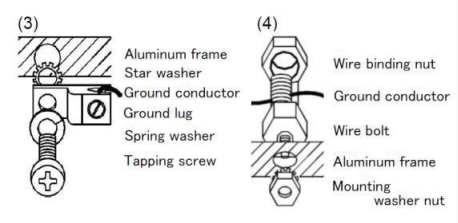




What's New on KD 200-60 Series (Effective February 1, 2013)

- New improved frame (3G-Frame) to allow end mounting
- Increased grounding options/flexibility

	Current Module	New Module																															
	KD245GX-LFB	KD245GX-LFB2																															
Dimension	65.43in/38.98in/1.8in (62mm/990mm/46mm)	No change																															
Connector	MC4	SMK																															
Mounting Method	<p>BOLTING: (In Installation Manual)</p> <ul style="list-style-type: none"> • 5/16" (8mm) stainless steel hardware <p>CLAMPING: (In Mounting Guide)</p> <ul style="list-style-type: none"> • Minimum 40mm clamping width • Minimum 9mm overlap onto frame • Stainless steel or anodized aluminum 	<p>BOLTING:</p> <ul style="list-style-type: none"> • No change <p>CLAMPING: (In Installation Manual)</p> <table border="1"> <tr> <td colspan="3">A- SUS304 or equivalent</td> </tr> <tr> <th>t: thickness</th> <th>L: width</th> <th>a: overlap</th> </tr> <tr> <td>0.079" (2.0mm) and over</td> <td>min. 1.93" (49mm)</td> <td rowspan="2">Long side clamping: min. 0.20" (5mm)</td> </tr> <tr> <td>0.098" (2.5mm) and over</td> <td>min. 1.34" (34mm)</td> </tr> <tr> <td>0.12" (3.0mm) and over</td> <td>min. 0.94" (24mm)</td> <td>short side clamping: min. 0.35" (9mm)</td> </tr> </table> <table border="1"> <tr> <td colspan="3">B-anodized aluminum AL6063-T5 or equivalent</td> </tr> <tr> <th>t: thickness</th> <th>L: width</th> <th>a: overlap</th> </tr> <tr> <td>0.079" (2.0mm) and over</td> <td>frame length</td> <td>min. 0.28" (7mm)</td> </tr> <tr> <td>0.12" (3.0mm) and over</td> <td>min. 1.50" (38mm)</td> <td rowspan="2">Long side clamping: min. 0.20" (5mm)</td> </tr> <tr> <td>0.14" (3.5mm) and over</td> <td>min. 1.18" (30mm)</td> </tr> <tr> <td>0.16" (4.0mm) and over</td> <td>min. 0.98" (25mm)</td> <td>Short side clamping: min. 0.35" (9mm)</td> </tr> </table> 	A- SUS304 or equivalent			t: thickness	L: width	a: overlap	0.079" (2.0mm) and over	min. 1.93" (49mm)	Long side clamping: min. 0.20" (5mm)	0.098" (2.5mm) and over	min. 1.34" (34mm)	0.12" (3.0mm) and over	min. 0.94" (24mm)	short side clamping: min. 0.35" (9mm)	B-anodized aluminum AL6063-T5 or equivalent			t: thickness	L: width	a: overlap	0.079" (2.0mm) and over	frame length	min. 0.28" (7mm)	0.12" (3.0mm) and over	min. 1.50" (38mm)	Long side clamping: min. 0.20" (5mm)	0.14" (3.5mm) and over	min. 1.18" (30mm)	0.16" (4.0mm) and over	min. 0.98" (25mm)	Short side clamping: min. 0.35" (9mm)
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Mounting Position	<p>Clamp on long side of frame (In Mounting Guide)</p>  <p>Top down clamp</p> <p>▨ Permissible clamping range</p>	<p>Clamp on short side of frame (New) (In Installation Manual) No change on long side</p> 																															
Grounding Method	<p>2 options</p>  <p>(1) Nut, Spring washer, Flat washer, Ground conductor, Cup washer, Star washer, Aluminum frame, Flat washer, Bolt</p> <p>(2) Nut, Spring washer, Ground lug, Star washer, Aluminum frame, Flat washer, Bolt</p>	<p>2 additional options (4 total)</p>  <p>(3) Aluminum frame, Star washer, Ground conductor, Ground lug, Spring washer, Tapping screw</p> <p>(4) Wire binding nut, Ground conductor, Wire bolt, Aluminum frame, Mounting washer nut</p>																															

PURCHASE FROM HI-TEK ELECTRONICS, INC.



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Part Number	Series	Description	Cable Dimension
CCT9901-2352F	P51-6	Plug: Full Lock	6.5 mm for cable / 6.2 mm to 6.6 mm outside diameter
CCT9901-2451F	R51-6	Socket: Half and Full Lock	6.5 mm for cable / 6.2 mm to 6.6 mm outside diameter
CCT9901-2351F	P51-7	Plug: Full Lock	7.0 mm for cable / 6.8 mm to 7.2 mm outside diameter
CCT9901-2451F	R51-7	Socket: Half and Full Lock	7.0 mm for cable / 6.8 mm to 7.2 mm outside diameter
CTA9111-0101F	P49-T	Plug Terminal	2.5 mm to 6.0 mm / 14AWG to 10AWG
CTA9111-0201F	R49-T	Socket Terminal	2.5 mm to 6.0 mm / 14AWG to 10AWG
306CCT-003-01F		Removal Key	
CT-9111#11		Crimp Tool	Die Size: 10, 12, 14 AWG



MANUFACTURER: SMK

For more information visit www.kyocerasolar.com/assets/001/5518.pdf