



# Clear Cover



**CONFIGURATION**  
Hinged, 2 lockable pull latches



## HPL Construction

<b>Material</b>	SolarGuard® – Hot compression molded fiberglass reinforced polyester (thermoset)
<b>Gasket</b>	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
<b>Stainless Steel Hardware</b>	300 Series stainless used on all hardware
<b>Mounting Bosses</b>	Panel mounting capability for fixed rear panel
<b>Metal Inserts</b>	All bosses utilize threaded brass inserts accepting 10-32 screws
<b>Soft Edge Design</b>	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
<b>Cover</b>	Clear polycarbonate with UV inhibitors
<b>Color</b>	Available standard glacier grey (PMS 428C)

## HPL Modifications

<b>Custom Colors</b>	pg. 21-22
<b>Silk Screening</b>	pg. 21-22
<b>EMI/RFI Shielding</b>	pg. 21-22
<b>Custom Window</b>	pg. 21-22
<b>Custom Cutouts/Holes</b>	pg. 21-22

## HPL Industry Standards

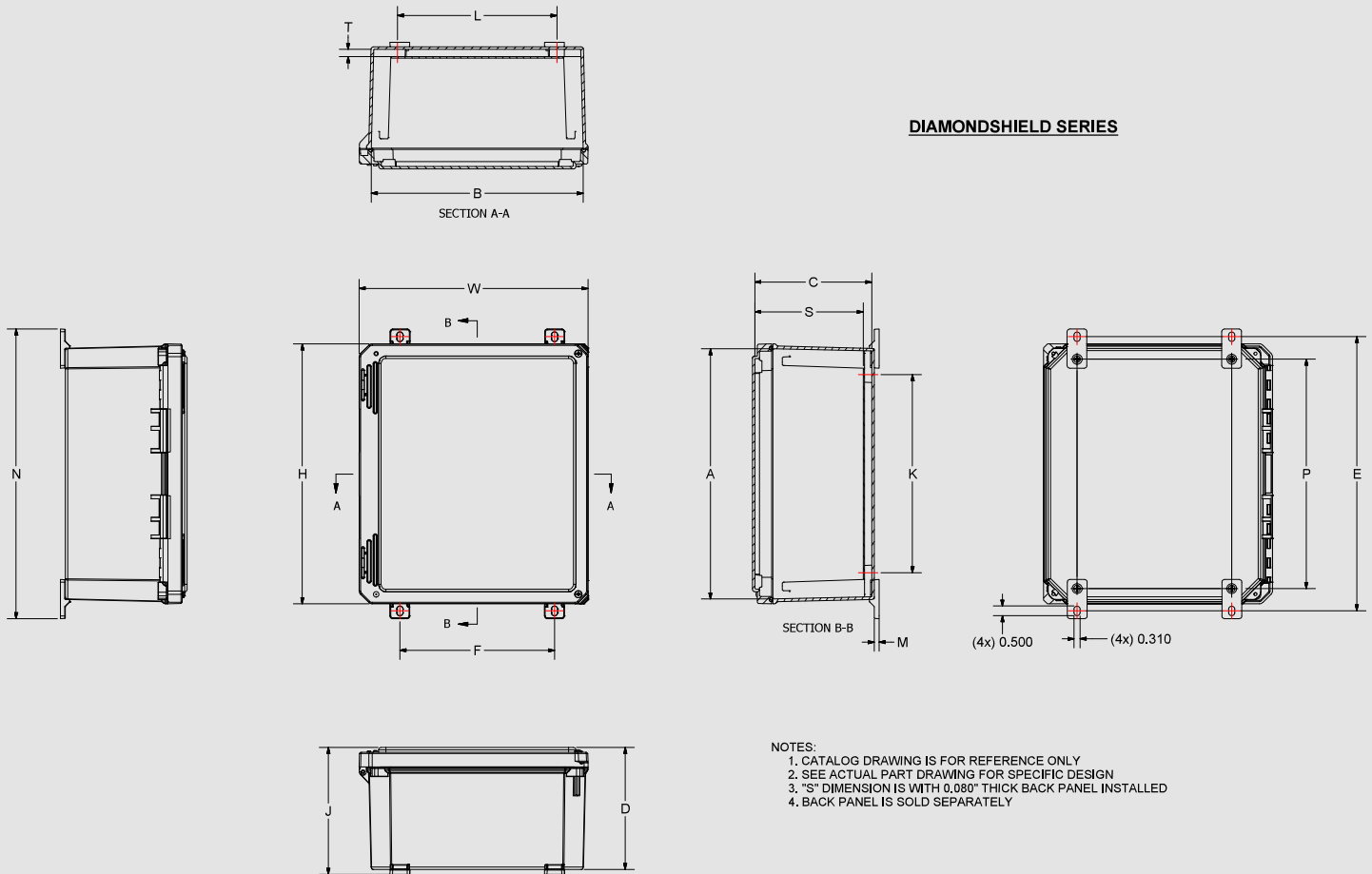
<b>NEMA 250, UL Listed UL50, UL50e, UL508A</b>	File E64358 Type 1, 3, 3S, 4X, 12, 13
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3, 3S, 4X, 12, 13
<b>IEC 60529</b>	IP66
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Cover Temperature Range</b>	(-40°F to +248°F) (-40°C to +120°C)
<b>Cover Flammability</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, Non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)
<b>Outdoor Exposure UL746C</b>	(f1) Rated

## HPL Accessories

<b>PANELS</b>	<b>Aluminum</b>	BP_AL	pg. 174-175
	<b>Fiberglass</b>	BP_FG	pg. 174-175
	<b>Stainless Steel</b>	BP_SS	pg. 174-175
	<b>Carbon Steel</b>	BP_CS	pg. 174-175
	<b>Dead Front Panels</b>		pg. 180-181
<b>ACCESSORIES</b>	<b>Mounting Feet</b>		pg. 192
	<b>Drain &amp; Breather Vents</b>		pg. 185
	<b>Hole Plugs</b>		pg. 187
	<b>Assorted Hubs and Cord Grips</b>		pg. 188-189
	<b>All Other Accessories</b>		pg. 184-194



### DIAMONDSHIELD SERIES



### SCREW SIZES & TORQUE VALUES

PRODUCT SIZES	BACK PANEL SCREW SIZE	BACK PANEL RECOMMENDED TORQUE	COVER SCREW SIZE	COVER SCREW RECOMMENDED TORQUE	MOUNTING FOOT SCREW SIZE	MOUNTING FOOT SCREW RECOMMENDED TORQUE	RECOMMENDED MOUNTING FLANGE TORQUE
All Sizes	#10-32 x 3/8	16 - 20 in-lbs	#10-32 x 1-1/4	20 - 24 in-lbs	#10-32 x 7/16	22 - 25 in-lbs	45 in-lbs max

## Diamond Shield® Series – Clear Cover

CATALOG NUMBER	OVERALL H X W X D	INSIDE A X B X C	MOUNTING P X R	K	L	S	T	OPT. MOUNT FEET E X F	N	J	M	SHIP WEIGHT	PANEL NUMBER
DSCC60604HPL DSCC60604HW DSCC60604W DSCC60604HLL	7.42 x 7.79 x 4.31 (188 x 198 x 110)	6.77 x 6.77 x 4.06 (172 x 172 x 103)	5.93 x 4.00 (151 x 102)	4.25 (108)	4.25 (108)	3.60 (92)	.38 (10)	8.24 x 4.00 (209 x 102)	9.02 (229)	4.56 (116)	.25 (6)	3.8 lbs	BP66*
DSCC80604HPL DSCC80604HW DSCC80604W DSCC80604HLL	9.42 x 7.79 x 4.31 (239 x 198 x 110)	8.77 x 6.77 x 4.06 (223 x 172 x 103)	7.91 x 4.00 (201 x 102)	6.25 (159)	4.25 (108)	3.60 (92)	.38 (10)	10.21 x 4.00 (259 x 102)	10.98 (279)	4.56 (116)	.25 (6)	4.1 lbs	BP86*

All measures are in inches, items in parentheses are in millimeters.



\*Panel sold separately

Diamond Shield® Series



## Diamond Shield® Series – Clear Cover

CATALOG NUMBER	OVERALL H X W X D	INSIDE A X B X C	MOUNTING P X R	K	L	S	T	OPT. MOUNT FEET X F	N	J	M	SHIP WT.	PANEL NUMBER
DSCC80804HPL DSCC80804HW DSCC80804W DSCC80804HLL	9.39 x 9.77 x 4.31 (239 x 248 x 110)	8.74 x 8.74 x 4.06 (222 x 222 x 103)	7.91 x 6.00 (201 x 152)	6.25 (159)	6.25 (159)	3.60 (92)	.38 (10)	10.21 x 6.00 (259 x 152)	10.98 (279)	4.56 (116)	.25 (6)	4.9 lbs	BP88*
DSCC100806HPL DSCC100806HW DSCC100806W DSCC100806HLL	11.42 x 9.80 x 6.31 (290 x 249 x 160)	10.73 x 8.73 x 6.06 (273 x 222 x 154)	9.89 x 6.00 (251 x 152)	8.25 (210)	6.25 (159)	5.60 (142)	.38 (10)	12.19 x 6.00 (310 x 152)	12.96 (329)	6.56 (167)	.25 (6)	6.2 lbs	BP108*
DSCC121006HPL DSCC121006HW DSCC121006W DSCC121006HLL	13.46 x 11.83 x 6.31 (342 x 301 x 160)	12.72 x 10.72 x 6.06 (322 x 272 x 154)	11.88 x 8.00 (302 x 203)	10.25 (260)	8.25 (210)	5.60 (142)	.38 (10)	14.18 x 8.00 (360 x 203)	14.95 (380)	6.56 (167)	.25 (6)	8.0 lbs	BP1210*
DSCC141206HPL DSCC141206HW DSCC141206W DSCC141206HLL	15.49 x 13.86 x 6.34 (393 x 352 x 161)	14.72 x 12.72 x 6.06 (374 x 323 x 154)	13.91 x 10.00 (353 x 254)	12.25 (311)	10.25 (260)	5.60 (142)	.38 (10)	16.21 x 10.00 (412 x 254)	16.98 (431)	6.59 (167)	.25 (6)	10.0 lbs	BP1412*
DSCC141208HPL DSCC141208HW DSCC141208W DSCC141208HLL	15.49 x 13.86 x 8.34 (393 x 352 x 212)	14.72 x 12.72 x 8.06 (372 x 322 x 205)	13.91 x 10.00 (353 x 254)	12.25 (311)	10.25 (260)	7.60 (193)	.38 (10)	16.19 x 10.00 (411 x 254)	16.96 (431)	8.59 (218)	.25 (6)	12.5 lbs	BP1412*
DSCC161408HPL DSCC161408HW DSCC161408W DSCC161408HLL	17.59 x 15.96 x 8.34 (447 x 405 x 212)	16.69 x 14.69 x 8.06 (424 x 373 x 205)	15.96 x 12.00 (405 x 305)	14.25 (362)	12.25 (311)	7.60 (193)	.38 (10)	18.26 x 12.00 (464 x 305)	19.04 (484)	8.59 (218)	.25 (6)	13.3 lbs	BP1614*

All measures are in inches, items in parentheses are in millimeters.



\*Panel sold separately