



Clear Cover

CONFIGURATION
Hinged, 2 cover screws



HW Construction

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

HW Modifications

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

HW Industry Standards

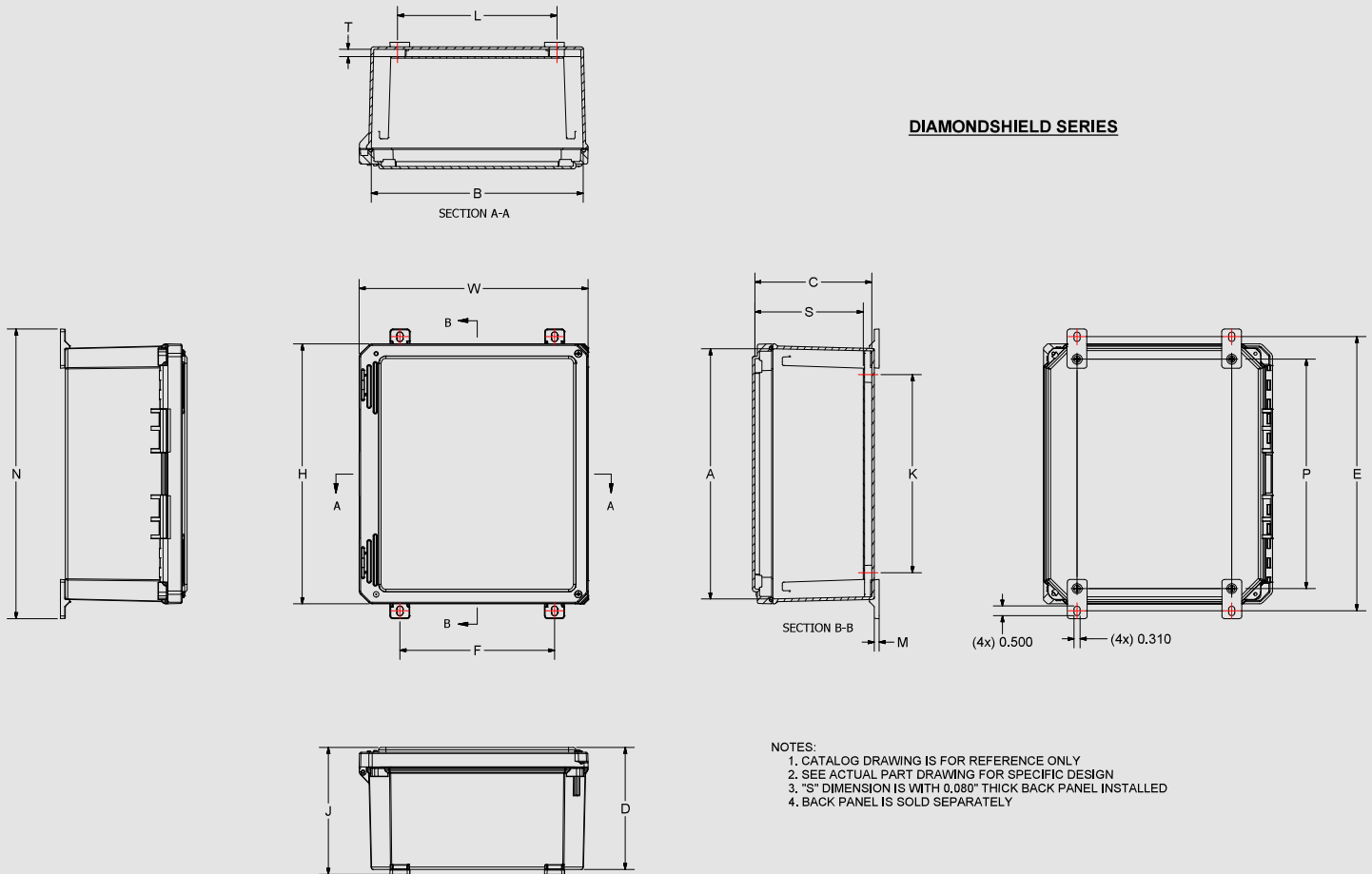
NEMA 250, UL Listed UL50, UL50e, UL508A	File E64358 Type 1, 3, 3S, 4X, 12, 13
CSA Std C22.2	File LR069014 Type 1, 3, 3S, 4X, 12, 13
IEC 60529	IP66
Temperature Range	(-76°F to +274°F) (-60°C to +134°C)
Flammability Rating	UL94-5V
Cover Temperature Range	(-40°F to +248°F) (-40°C to +120°C)
Cover Flammability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

HW Accessories

PANELS	Aluminum	BP_AL	pg. 174-175
	Fiberglass	BP_FG	pg. 174-175
	Stainless Steel	BP_SS	pg. 174-175
	Carbon Steel	BP_CS	pg. 174-175
	Dead Front Panels		pg. 180-181
ACCESSORIES	Mounting Feet		pg. 192
	Drain & Breather Vents		pg. 185
	Hole Plugs		pg. 187
	Assorted Hubs and Cord Grips		pg. 188-189
	All Other Accessories		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					OPT. MOUNT FEET X F	N	J	M	SHIP WT.	PANEL NUMBER
				K	L	S	T						
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