Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

PART NAME	NON-METALLIC ENCLOSURE (STYLE D)	PART No.	NBD-10449 & NBD-10469 & NBD-15449

MATERIAL:

INDOOR VERSION

SOLID BODY & COVER ____ ABS/PC BLENDED PLASTIC
UL94-5VB FLAMMABILITY RATING

CLEAR COVER _____ POLYCARBONATE PLASTIC
UL94V-0 FLAMMABILITY RATING
UV STABILIZED

OUTDOOR VERSION

SOLID BODY & COVER ____ PBT/PC BLENDED PLASTIC
UL94-5VA FLAMMABILITY RATING
UV STABILIZED

FINISH:

BODY ____ LIGHT GRAY
COVER ____ LIGHT GRAY OR CLEAR

COVER INCLUDES GRAY POLY-URETHANE GASKET.

AIR AND MOISTURE VENTS, STAINLESS STEEL LOCKING HASP, PANEL MOUNTING RAILS, GALVANIZED STEEL INNER PANEL AND STAINLESS STEEL WALL MOUNTING BRACKETS ARE NOT INCLUDED, BUT CAN BE PURCHASED SEPARATELY.

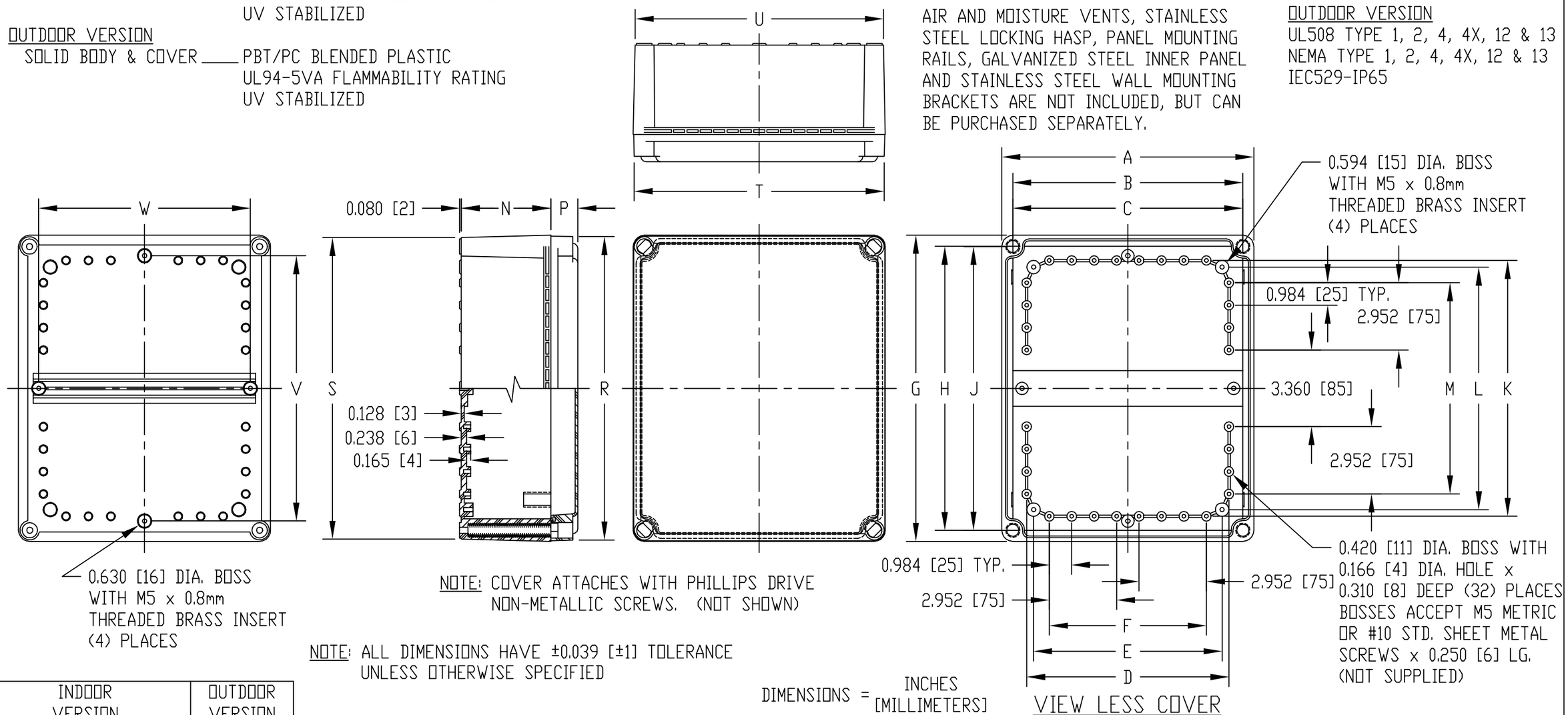
INDUSTRY STANDARDS:

INDOOR VERSION

UL508 TYPE 1, 2, 4, 4X INDOOR, 12 & 13
NEMA TYPE 1, 2, 4, 4X, 12 & 13
IEC529-IP65

OUTDOOR VERSION

UL508 TYPE 1, 2, 4, 4X, 12 & 13
NEMA TYPE 1, 2, 4, 4X, 12 & 13
IEC529-IP65



NOTE: COVER ATTACHES WITH PHILLIPS DRIVE NON-METALLIC SCREWS. (NOT SHOWN)

NOTE: ALL DIMENSIONS HAVE ±0.039 [±1] TOLERANCE UNLESS OTHERWISE SPECIFIED

DIMENSIONS = INCHES [MILLIMETERS]

INDOOR VERSION PART NO.		OUTDOOR VERSION PART NO.	DIMENSIONS																			
SOLID COVER	CLEAR COVER	SOLID COVER	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W
NBD-10449	NBD-10469	NBD-15449	11.052	10.090	10.086	8.870	8.265	6.888	13.423	12.460	12.443	11.220	10.637	9.264	3.920	1.191	13.310	13.230	10.960	10.890	11.634	9.280
			[281]	[256]	[256]	[225]	[210]	[175]	[341]	[316]	[316]	[285]	[270]	[235]	[100]	[30]	[338]	[336]	[278]	[277]	[296]	[236]

Revised 26JUN07