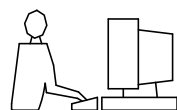


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NOTES:
Size 9/15/25 way have 2 versions,
without logo and with "MH" logo.

* UNLESS OTHERWISE SPECIFIED TOLERANCES
ON DECIMAL IS:

BACKSHELL KIT INCLUDES:

- (2)BACKSHELL HALVES
- (2)4-40 THUMBSCREWS
- (2)HOUSING SCREWS
- (1)SET OF COMPRESSION INSERTS-(9 POSITION~37 POSITION)
DIAMETERS:4mm(.157"),5mm(.197"),7mm(.276"),9mm(.351")
- (1)SET OF COMPRESSION INSERTS-(50 POSITION)
DIAMETERS:11mm(.433"),12.5mm(.492"),14mm(.551"),15mm(.591")

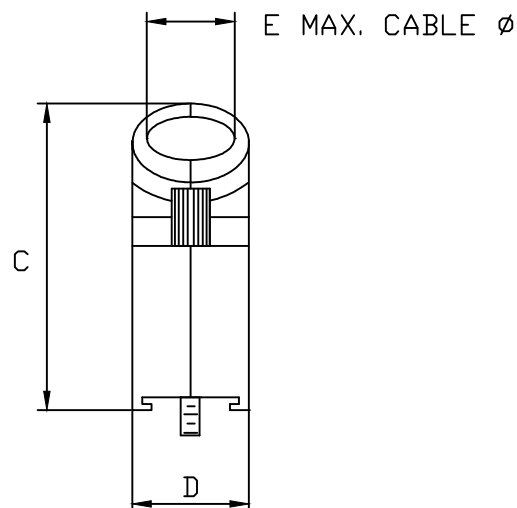
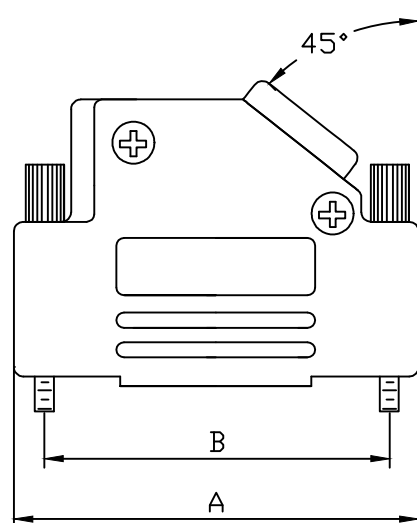
NOTE: 9 POSITION HAS ONLY 1 THUMBSCREW
(OPPOSITE CABLE ENTRY)
50 POSITION HAS 1 METAL CLAMP
AND 2 CLAMP SCREWS

Without Logo:
MHD45ZK9-NL-K
MHD45ZK15-NL-K
MHD45ZK25-NL-K

With "MH" Logo:
MHD45ZK9-K
MHD45ZK15-K
MHD45ZK25-K

Size 37/50 way have only no logo
version.

DIMENSIONS(mm/in)					
SIZE	A ± 1.0 ($\pm .04$)	B ± 0.25 ($\pm .01$)	C ± 1.8 ($\pm .07$)	D ± 0.5 ($\pm .02$)	E
9	31.0	24.99	36.3	14.5	13.0
	1.22	0.984	1.43	0.57	0.51
15	39.5	33.32	40.3	14.5	13.0
	1.56	1.312	1.59	0.57	0.51
25	53.2	47.04	40.3	14.5	13.0
	2.09	1.852	1.59	0.57	0.51
37	69.7	63.50	40.3	14.5	13.0
	2.74	2.500	1.59	0.57	0.51
50	67.4	61.11	44.9	17.4	17.0
	2.65	2.406	1.77	0.69	0.67



ORDERING INFORMATON:

SIZE	P/N - KITTED	PRODUCT CODE
9-WAY	6560-0106-11	MHD45ZK9-K
15-WAY	6560-0106-12	MHD45ZK15-K
25-WAY	6560-0106-13	MHD45ZK25-K
37-WAY	6560-0106-14	MHD45ZK37-K
50-WAY	6560-0106-15	MHD45ZK50-K

MHD45ZK9-DM9S-K=MHD45ZK9-K + MHDM9SS
MHD45ZK15-DM15S-K=MHD45ZK15-K + MHDM15SS
MHD45ZK25-DM25S-K=MHD45ZK25-K + MHDM25SS

MATERIAL: DIE CAST ZINC ALLOY
NICKEL PLATED
4-40 THUMBSCREWS:STEEL-Zn PLATED
HOOD SCREWS:STEEL-Zn PLATED
CLAMP:STEEL-NICKEL PLATED
CLAMP SCREWS:STEEL-Zn PLATED
COMPRESSION INSERTS:ABS UL RECOGNIZED
OPERATING TEMP:-40°C TO+120°C



THIS SERIES FULLY CONFORMS TO THE
EUROPEAN UNION DIRECTIVES 2002/95/EC
AND 2002/96/EC FOR RoHS COMPLIANCY.



**MH CONNECTORS ,
DIVISION OF EDAC**

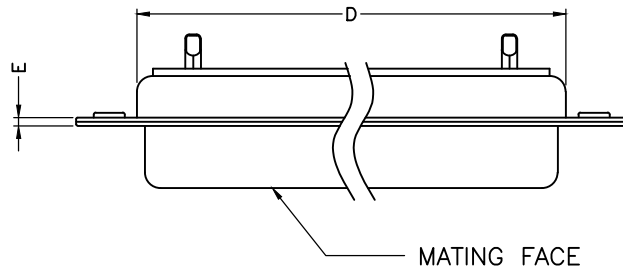
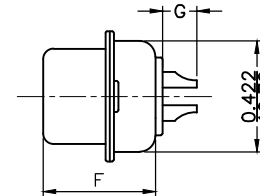
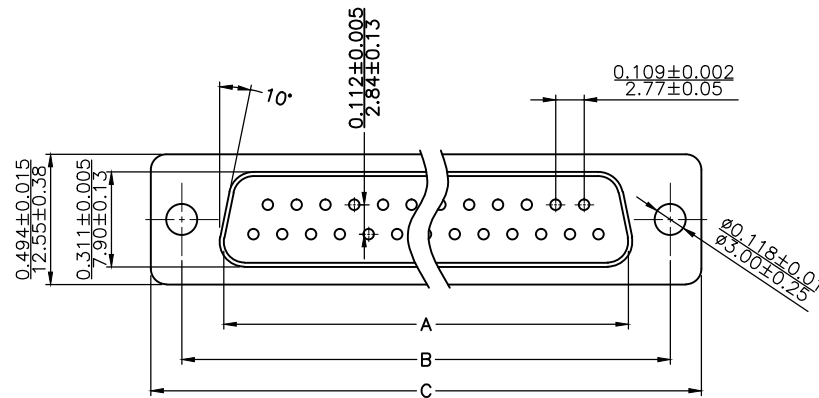
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WRITTEN PERMISSION.

DRAWN Johnny		DATE 11-24-15	
APPROVED VICTOR		DATE 11-24-15	
SCALE 1 : 1	SHEET OF 1 OF 1		REV: 8.0
DRAWING No MHD45ZK SERIES			

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* UNLESS OTHERWISE SPECIFIED TOLERANCES
ON DECIMAL IS: .XX ± 0.25
UNIT: MM



Material & Finish
Shell:
Steel
Nickel plated

Pin Contact:
Brass
Gold plated over nickel

Insulator:
PBT glass-fiber reinforced UL 94-V0

Number of contact:
9,15,25,37,50

Current rating: 5 amp

Contact Resistance: 30mΩ MAX

Dielectric strength:
1000V for one minute

Insulator resistance:
5000MΩ Min at 500V DC

Temperature:-55°C ~105°C

ITEM NO	A ±0.25	B ±0.13	C ±0.38	D ±0.25	E ±0.10	F ±0.13	G ±0.25
MHDM9SS	16.33(0.643)	24.99(0.984)	30.81(1.213)	19.28(0.759)	0.80(0.0315)	10.9(0.429)	3.80(0.150)
MHDM15SS	24.66(0.971)	33.32(1.312)	39.14(1.541)	27.51(1.083)	0.80(0.0315)	10.9(0.429)	3.80(0.150)
MHDM25SS	38.38(1.511)	47.04(1.852)	53.04(2.088)	41.30(1.625)	0.80(0.0315)	10.9(0.429)	3.80(0.150)
MHDM37SS	54.84(2.159)	63.50(2.500)	69.32(2.729)	57.71(2.272)	0.80(0.0315)	10.9(0.429)	3.80(0.150)
MHDM50SS	52.34(2.060)	61.11(2.406)	66.92(2.634)	55.30(2.177)	0.80(0.0315)	10.9(0.429)	3.80(0.150)

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WRITTEN PERMISSION.

DRAWN
Iven Ou
DATE
09-01-22

APPROVED
DATE

SCALE
1 : 1
SHEET OF
1 OF 1
REV:
5.0

DRAWING No
MHDM SS



THIS SERIES FULLY CONFORMS TO THE
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