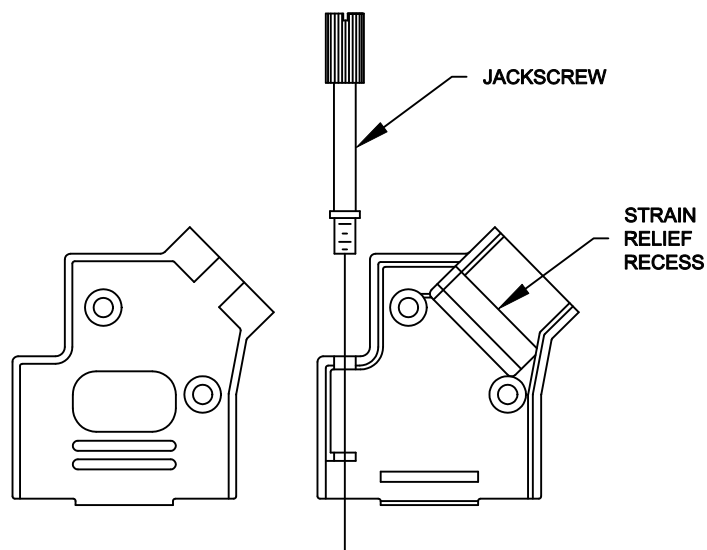


ITEM No. 2, 3 & 4

ASSEMBLY INSTRUCTIONS:

1. PREPARE CABLE AS REQUIRED TO ASSEMBLE TO THE CONNECTOR
2. CHOOSE THE STRAIN RELIEF HALVES THAT MOST CLOSELY MATCH THE CABLE O/D. THEY DO NOT NEED TO BE MATCHING HALVES
3. WRAP THE SHIELD/GROUND AROUND THE STRAIN RELIEF AS IN FIG. 2 OR FIG. 3 AND AS OUTLINED BELOW
4. PLACE THE CABLE ASSEMBLY/STRAIN RELIEF INTO THE APPROPRIATE RECESS IN ONE HALF OF THE DIE CAST HOOD. ENSURE THE STRAIN RELIEF IS PRESSED INTO THE STRAIN RELIEF RECESS AREA
5. SNAP THE JACKSCREWS INTO POSITION
6. PLACE THE OTHER HALF OF THE DIE CAST HOOD INTO PLACE AND TIGHTEN TOGETHER WITH THE ASSEMBLY SCREWS

FOIL CABLE

1. INSERT THE GROUND WIRE THROUGH HOLE IN ONE HALF OF THE STRAIN RELIEF AS SHOWN IN FIG 1. ASSEMBLE THE TWO HALVES OF THE STRAIN RELIEF AROUND THE CABLE MAKING SURE THAT THE CABLE INSULATION RUNS THROUGH THE FULL LENGTH OF THE STRAIN RELIEF, THEN COMPLETE AS IN FIG 2
2. LOOP THE GROUND WIRE AROUND THE GROUND WIRE RECESS AS SHOWN
3. PLACE THE ASSEMBLY INTO THE LOWER HALF OF THE HOOD MAKING SURE THAT THE GROUND WIRE IS SHOWING FROM UNDER THE CONTACT AREA OF THE STRAIN RELIEF ASSEMBLY AS IN FIG 2
4. THE GROUND WIRE CAN BE INSULATED AND EXTENDED TO A CONTACT ON THE CONNECTOR IF REQUIRED

BRADED CABLE

1. FOR HEAVILY BRAIDED CABLE, PIGTAIL THE BRAID INTO TWO BRAIDS, AND BRING IT BACK OVER THE ASSEMBLED STRAIN RELIEF. SEE FIG 3
2. FOR LIGHT BRAIDED CABLE, PIGTAIL THE BRAID INTO ONE BRAID, AND BRING IT BACK IN ONE DIRECTION ONLY
3. SLOT THE ASSEMBLY INTO THE HOOD AND COMPLETE THE HOOD ASSEMBLY

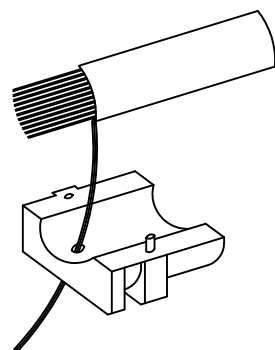


FIG. 1

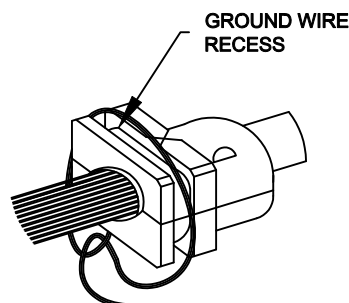


FIG. 2

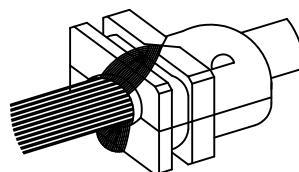


FIG. 3

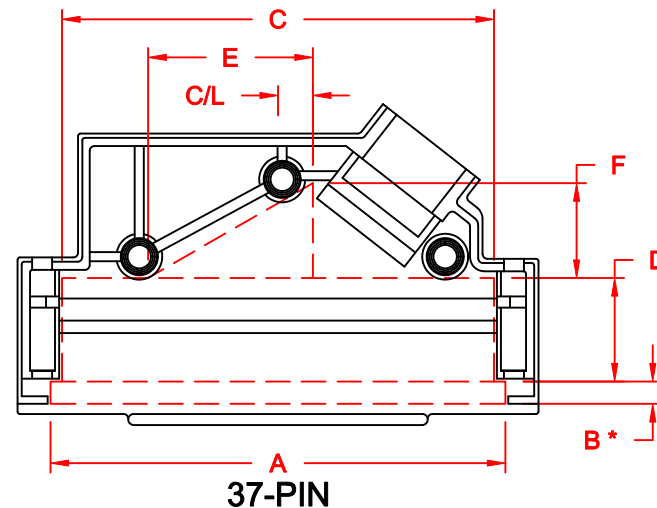
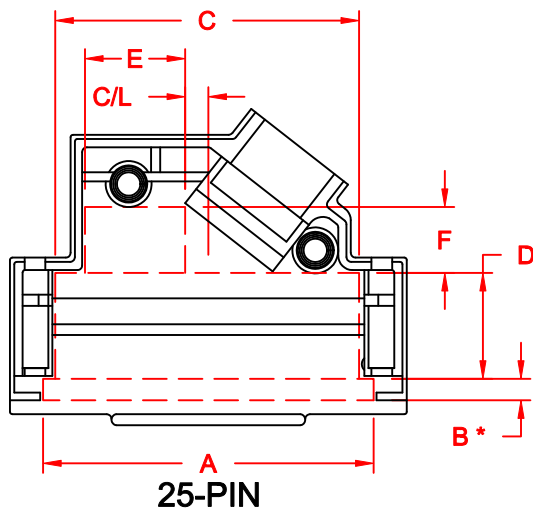
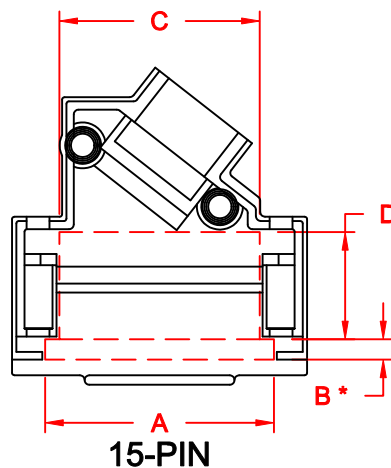
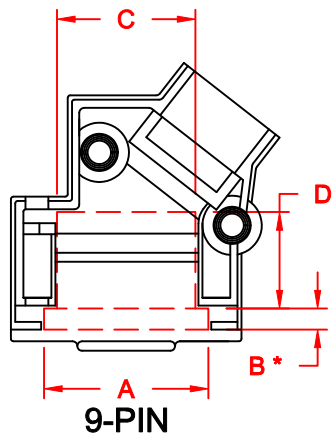
METALIZED PLASTIC

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DRAWN P. JENKINS		DATE 03-23-12	
APPROVED D. CROFT		DATE 03-23-12	
SCALE NTS	SHEET 1	OF 1	REV: A
DRAWING No MHD45PK ASSEMBLY			



MH CONNECTORS LTD.



SEE NOTE 1. →

SEE NOTE 2. →

DIMENSIONS (mm)				
	9	15	25	37
A	21.94	30.53	44.11	60.68
B *	2.81	2.69	2.87	2.99
C	18.49	26.72	40.53	57.63
D	12.85	14.30	14.12	13.79
E			13.36	21.97
F			8.78	12.67
C/L			3.09	4.67
PCB	9.04	10.10	9.24	9.24

NOTE:

1. "B" DIMENSION MEASURED FROM BACK SIDE OF CONNECTOR FLANGE
2. MIN. SAFE SPACING BETWEEN BACK SHELLS FOR PCB AND MOUNTED COMPONENTS
3. THESE DIMENSIONS ARE GOOD FOR THE PLASTIC AND METALIZED PLASTIC BACK SHELLS

METALIZED PLASTIC

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DRAWN P. JENKINS		DATE 03-23-12	
APPROVED D. CROFT		DATE 03-23-12	
SCALE NTS	SHEET 1	OF 1	REV: A
DRAWING No MHD45PK INTERNAL			

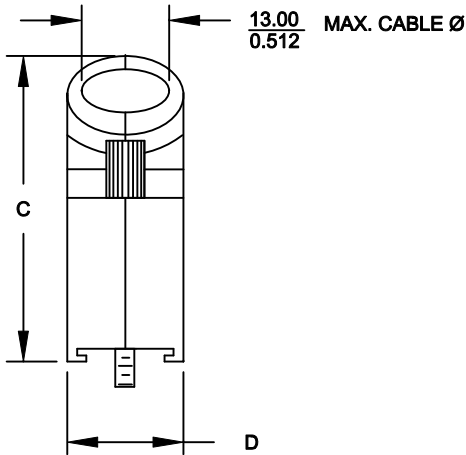
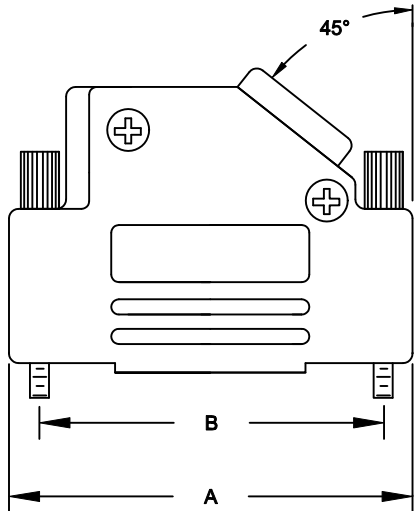


MH CONNECTORS LTD.

- BACKSHELL KIT INCLUDES:
- (2) BACKSHELL HALVES
 - (2) 4-40 THUMBSCREWS
 - (2) HOUSING SCREWS & (2) NUTS
 - (1) SET OF COMPRESSION INSERTS - VARIOUS SIZES
- DIAMETERS: 4mm (.157"), 5mm (.197"), 7mm (.276"), 9mm (.351")

NOTE: 9 POSITION HAS ONLY 1 THUMBSCREW
(OPPOSITE CABLE ENTRY)

DIMENSIONS (mm/in)				
SIZE:	A ±1.27 ±.050	B ±.13 ±.005	C ±.25 ±.010	D ±.25 ±.010
9	31.00	24.99	36.30	15.00
	1.220	0.984	1.429	0.591
15	39.50	33.32	40.30	15.00
	1.555	1.312	1.587	0.591
25	53.20	47.04	40.30	15.00
	2.094	1.852	1.587	0.591
37	69.70	63.50	40.30	15.00
	2.744	2.500	1.587	0.591



ORDERING INFORMATION

SIZE:	P/N KITTED:	PRODUCT CODE:
9-WAY	6560-0146-11	MHD45PK-9-K
15-WAY	6560-0146-12	MHD45PK-15-K
25-WAY	6560-0146-13	MHD45PK-25-K
37-WAY	6560-0146-14	MHD45PK-37-K

SIZE:	P/N BULK:	PRODUCT CODE:
9-WAY	6561-0146-11	MHD45PK-9
15-WAY	6561-0146-12	MHD45PK-15
25-WAY	6561-0146-13	MHD45PK-25
37-WAY	6561-0146-14	MHD45PK-37

PLASTIC: ABS POLYLAC - UL RECOGNIZED
NICKEL PLATED
4-40 THUMBSCREWS: STEEL - Zn PLATED
HOOD SCREWS: STEEL - ZN PLATED
COMPRESSION INSERTS: ABS UL RECOGNIZED
NUTS: STEEL - Zn PLATED
OPERATING TEMP: -55°C TO +110Ø

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DRAWN P. JENKINS		DATE 03-14-12	
APPROVED D. CROFT		DATE 03-14-12	
SCALE NTS	SHEET 1	OF 1	REV: B
DRAWING No MHD45PK SERIES			

RoHS COMPLIANT



MH CONNECTORS LTD.