

CONNECTORS, BICC BURNDY

NOTE:

This connector range is also known as TRIM TRIO and BICC VERO.

MS-M HYFEN RANGE DISCRIMINATING DATA

Discriminating by discriminating pins

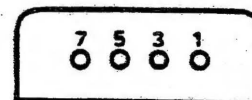
This method of discriminating is particularly useful for the 14,18,20 and 26 way assemblies where no corner discrimination via guide pins and sockets is available. It does however take up the contact position as the discriminating pin is inserted into a contact position and will only mate with an assembly with a vacant contact hole at the corresponding position.

Discriminating by pin protection shrouds

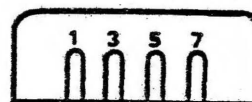
MS-M pin protection shrouds can be used to provide a discriminating facility on all sizes of connectors.

Male shrouds are fitted with spigots that engage in corresponding slots cut in the female shroud. Combinations and positional changes of these slots and spigots provide the discrimination.

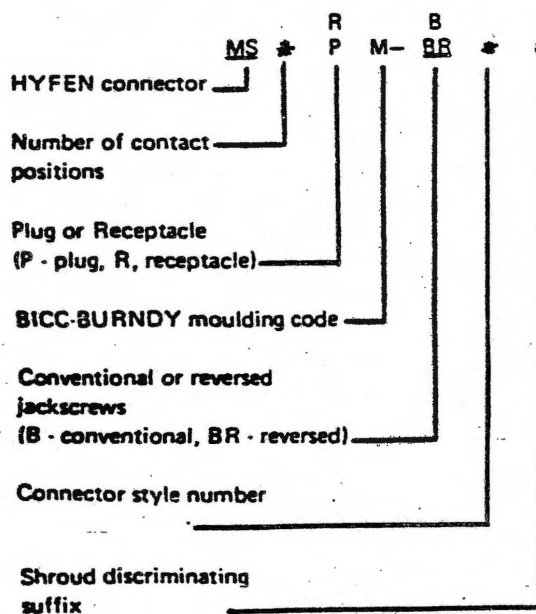
Male shroud



Female shroud



Catalogue numbering key



Shroud discriminating suffix	Spigot fitting and slot piercing position			
S1	1	-	-	-
S2	-	3	-	-
S3	-	-	5	-
S4	-	-	-	7
S5	1	3	-	-
S6	1	-	5	-
S7	1	-	-	7
S8	-	3	5	-
S9	-	3	-	7
S10	-	-	5	7

The BS interface shroud is not intermateable with a same size - S1 discriminated assembly. The spigots and slots on a BS shroud are on the opposite side to normal.

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Discrimination by pins

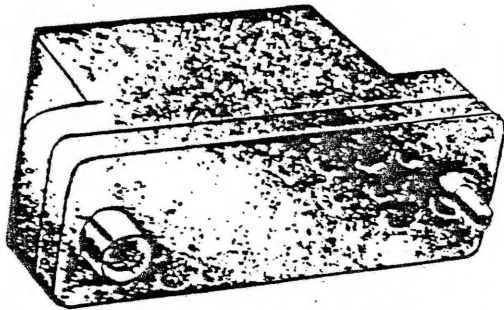
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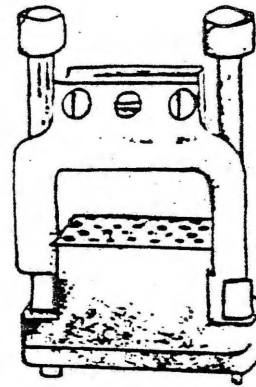
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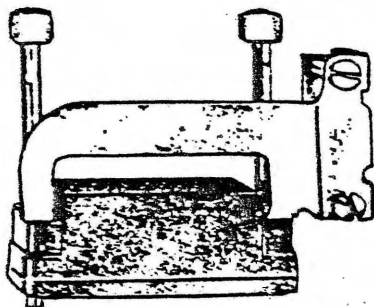
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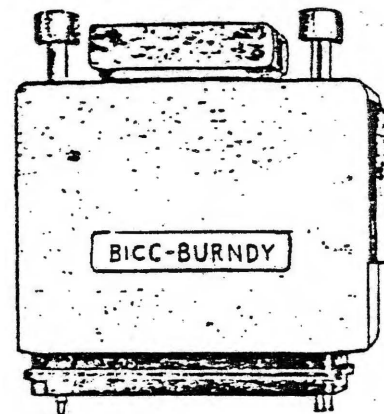
B207T Series
-fitted with Jackscrews



B218 Series
-fitted with Straight
Clamp and rotating
Jackscrews



B238 Series
- fitted with right angle clamps
and rotating Jackscrews



B257 Series
- fitted a die-cast hood
and rotating Jackscrews

MS-M HYFEN SERIES

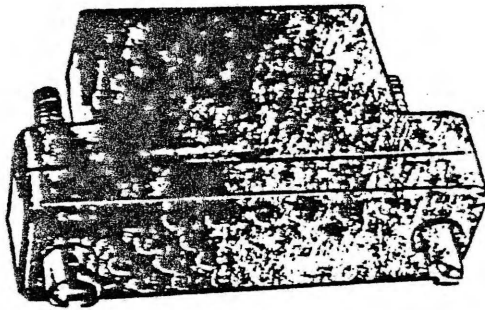
RECEPTACLES

D 1871	BICC BURNDY	SOCKET	14 WAY	MS14RM B207T
D 1872	BICC BURNDY	SOCKET	14 WAY	MS14RM B207T S1
D 1873	BICC BURNDY	SOCKET	14 WAY	MS14RM B207T S2
D 1874	BICC BURNDY	SOCKET	14 WAY	MS14RM B207T S3
D 1875	BICC BURNDY	SOCKET	14 WAY	MS14RM B207T S4
D 1978	BICC BURNDY	SOCKET	26 WAY	MS26RM B207T
D 1876	BICC BURNDY	SOCKET	26 WAY	MS26RM B207T S1
D 1877	BICC BURNDY	SOCKET	26 WAY	MS26RM B207T S2
D 1979	BICC BURNDY	SOCKET	34 WAY	MS34RM B207T
D 1765	BICC BURNDY	SOCKET	50 WAY	MS50RM B207T
D 1767	BICC BURNDY	SOCKET	75 WAY	MS75RM B207T

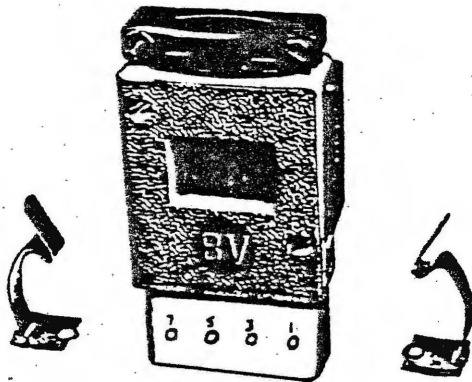
PLUGS

D 1886	BICC BURNDY	PLUG	14 WAY	MS14PM B218
D 1881	BICC BURNDY	PLUG	14 WAY	MS14PM B238 S1
D 1882	BICC BURNDY	PLUG	14 WAY	MS14PM B238 S2
D 1883	BICC BURNDY	PLUG	14 WAY	MS14PM B238 S3
D 1884	BICC BURNDY	PLUG	14 WAY	MS14PM B238 S4
D 1880	BICC BURNDY	PLUG	26 WAY	MS26PM B238
D 1878	BICC BURNDY	PLUG	26 WAY	MS26PM B238 S1
D 1879	BICC BURNDY	PLUG	26 WAY	MS26PM B238 S2
D 1764	BICC BURNDY	PLUG	50 WAY	MS50PM B257
D 1766	BICC BURNDY	PLUG	75 WAY	MS75PM B257

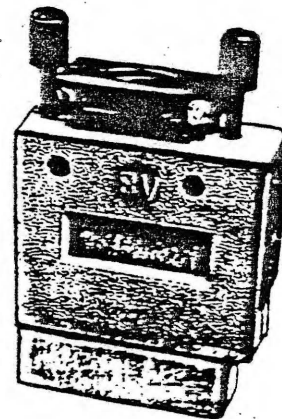
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B201 Series
- fitted with guide pins
and sockets



B259 Series
- fitted with plastic hoods,
guide pins and sockets



B255 Series
- fitted with plastic hoods,
and Jackscrews

MS-M HYFEN SERIES Cont'd

RECEPTACLES

D 1759	BICC BURNDY	SOCKET	14 WAY	MS14RM B201
D 1761	BICC BURNDY	SOCKET	26 WAY	MS26RM B201
D 1763	BICC BURNDY	SOCKET	34 WAY	MS34RM B201

PLUGS

D 1758	BICC BURNDY	PLUG	14 WAY	MS14PM B259
D 1760	BICC BURNDY	PLUG	26 WAY	MS26PM B259
D 1762	BICC BURNDY	PLUG	34 WAY	MS34PM B255

TRIM TRIO ROUND CONNECTORS

3 WAY

D 1980	BICC BURNDY	PLUG	3 WAY	L12TE3P2NA
D 2248	BICC BURNDY	SOCKET	3 WAY	L12TE3S2NA
D 2249	BICC BURNDY	PLUG	3 WAY	L12TF3P6NA

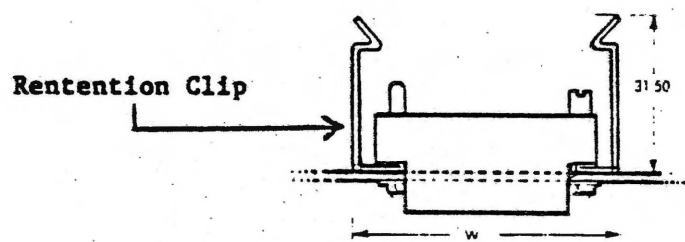
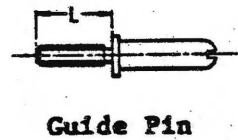
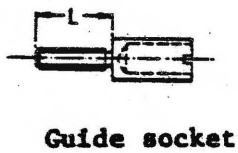
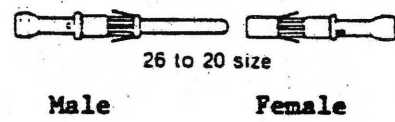
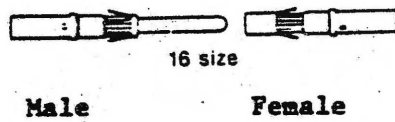
8 WAY

D 1981	BICC BURNDY	PLUG	8 WAY	L16TE8P2NA
D 1982	BICC BURNDY	SOCKET	8 WAY	L16TE8S6NA

10 WAY

D 2250	BICC BURNDY	SOCKET	10 WAY	L12TE10S2NA
D 2251	BICC BURNDY	SOCKET	10 WAY	L12TE10S2WA
D 2252	BICC BURNDY	PLUG	10 WAY	L12TF10P6NA
D 2253	BICC BURNDY	PLUG	10 WAY	L12TF10P6WA

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D



14 way W = 46.23
20 way W = 54.10
26 way W = 55.88

PIN CONTACT DATA

BLACK SERIES:- Wire gauge used is 16-18.(AWG)
No Insulation grip provided, maximum
diameter limited by moulding.

GREEN SERIES:- Wire gauge used is 20-22.(AWG)
Insulation grip range is 1.58 - 2.08mm Dia.

RED SERIES :- Wire gauge used is 22-24.(AWG)
Insulation grip range is 1.62 - 2.13mm Dia.

BLUE SERIES :- Wire gauge used is 24-26.(AWG)
Insulation grip range is 1.07 - 1.58mm Dia.

Female Pins				BURNDY TRIM TRIO	BICC VERO
D 2438	TRIM TRIO	Female contact Pin	BLACK		229-90230D
D 1754	TRIM TRIO	Female contact Pin	BLACK		229-90225D
D 1752	TRIM TRIO	Female contact Pin	GREEN		229-90226A
D 1750	TRIM TRIO	Female contact Pin	RED		229-90228F
D 2018	TRIM TRIO	Female contact Pin	BLUE		229-90229C

Male Pins

D 2437	TRIM TRIO	Male contact Pin	BLACK		229-90223K
D 1753	TRIM TRIO	Male contact Pin	BLACK		229-90218K
D 1751	TRIM TRIO	Male contact Pin	GREEN		229-90219G
D 1749	TRIM TRIO	Male contact Pin	RED		229-90221E
D 2017	TRIM TRIO	Male contact Pin	BLUE		229-90222B

ASSEMBLY PARTS

D 1755	BICC BURNDY	Guide Pin and Socket	Thread 12mm (L)	MS14PB5
D 1756	BICC BURNDY	Guide Pin and Socket	Thread 7.5mm (L)	MS14PB6
D 1757	BICC BURNDY	Retention clip		MS1-B2
D 2147	BICC BURNDY	Male fixed Jackscrew	Hyfen	MSTB 4P
D 2148	BICC BURNDY	Female fixed Jackscrew	Hyfen	MSTB 4S

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CONNECTORS, CIRCULAR; General Purpose

These are general use miniature circular connectors utilizing solder terminated contacts. The MS Series is the Military equivalent of the ITT Canon KPT/KSP/KPD Series, and complies to MIL-C-26482.

These connectors are of the Bayonet locking type and are finished with non conductive, olive green cadmium body.

Cannon Type Numbering Information

e.g.	D1683	MS	3116	F	20	41	P
		A	B	C	D	E	F

INDEX

A: Series Prefix

MS = MIL-C-26482

B: MS Designation

3112 = Box mounting receptacle

3116 = Straight Plug

3181 = Receptacle Cover

C: Class

E = Grommet Seal

F = Grommet seal with Strain Relief

D : Shell size

10,12,16 & 20

E: Contact Number

6,10,26 & 41 Way

F: Contact Type

P = Plug (Bayonet locking)

S = Socket