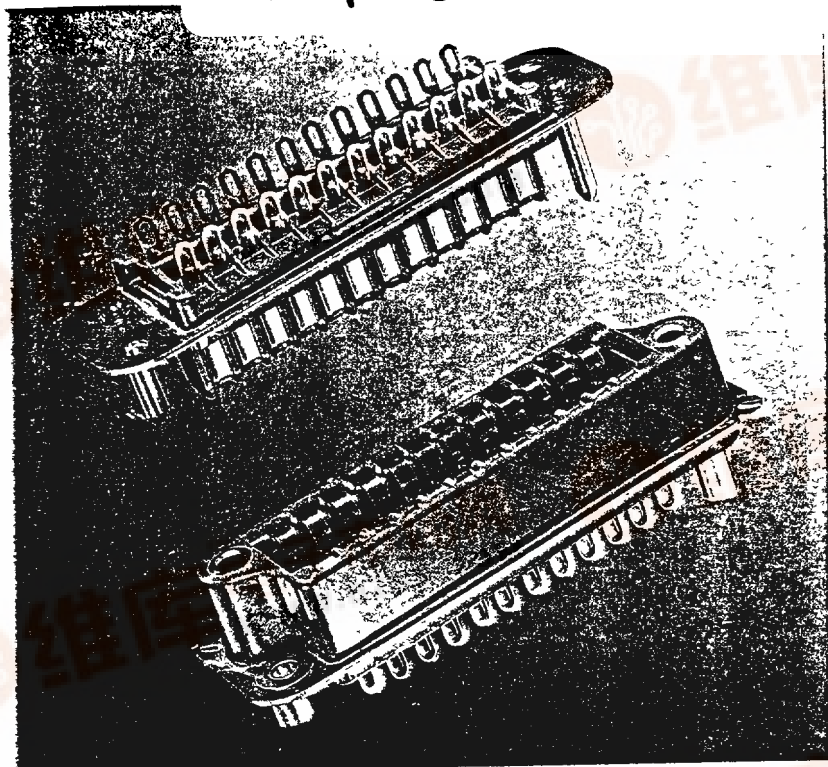


RED RANGE



INDUSTRIAL RACK AND PANEL

FEATURES

- Floating bushes to assist alignment
- 180° polarised
- Dowel polarised for blind mating
- Rugged construction
- Cover with universal top or side entry cable clamp

TECHNICAL DATA

MATERIALS

Insulator	Nylon PF or Diallyl-phthalate (D.A.P)
Contact	Copper alloy plated hard acid gold
Mounting plates	Stainless steel
Latching screws & bushes	Mild steel bright nickel plate
Dowels	Brass nickel plate
Covers	Aluminium (silver anodised)

ELECTRICAL

Current
All contacts simultaneously
Working Voltage
Proof Voltage
Contact Resistance (initially)
(after conditioning)
Insulation Resistance (initially)
(after conditioning)

NYLON PF
at 80°C Tamb 5A max
800Vd.c or a.c peak
3.5k Vd.c. or a.c. peak
5mΩ max.
10mΩ max
10⁵MΩ min
10⁴MΩ min

D.A.P.
at 100°C Tamb 5A max
800Vd.c. or a.c peak
3.5kVd.c or a.c peak
5mΩ max
10mΩ max
10⁷MΩ min
10⁶MΩ min.

MECHANICAL

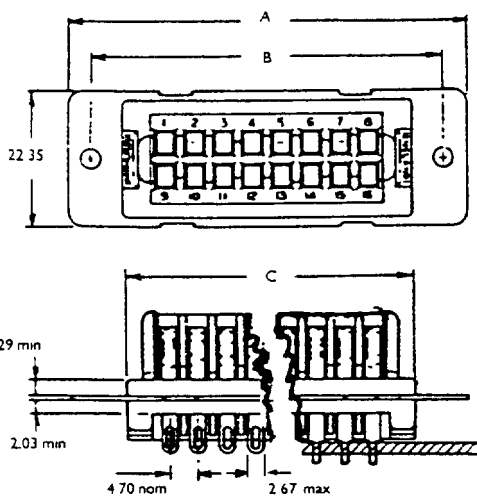
Mechanical operations
Insertion and withdrawal
forces (contact pair)
Climatic category

500
2.25N max / 0.75 min
40/100/21

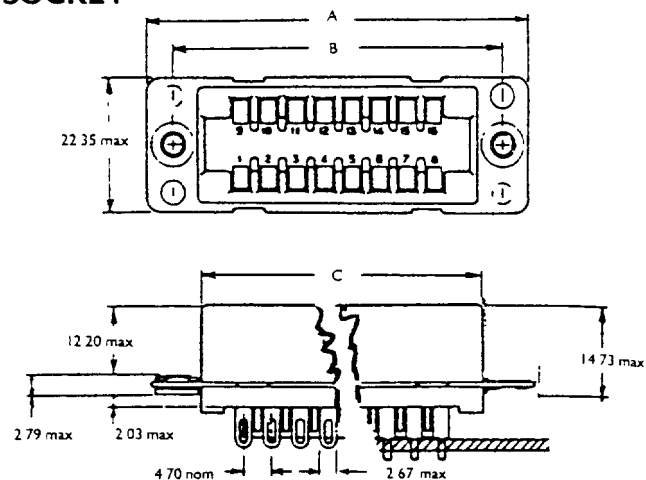
500
2.25N max / 0.75 min
55/125/56



PLUG



SOCKET

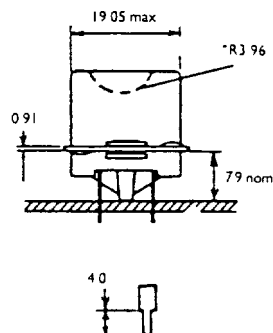
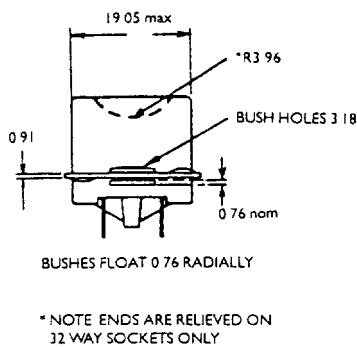
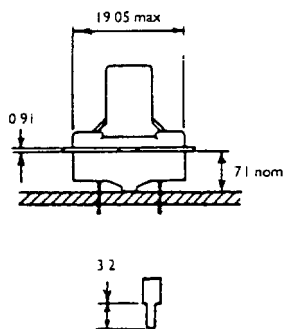
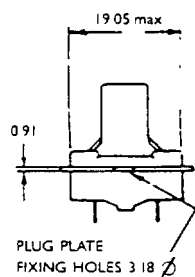


SOLDER TERMINATION

P.C. TERMINATION

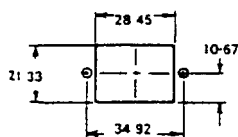
SOLDER TERMINATION

P.C. TERMINATION

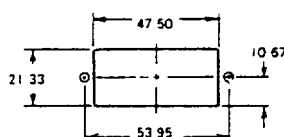


MOUNTING DETAILS (SOLDER TERMINATION)

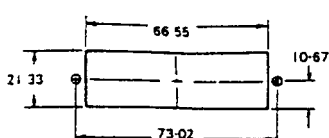
8 WAY



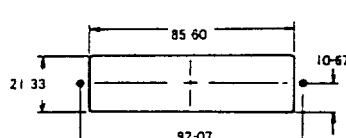
16 WAY



24 WAY



32 WAY



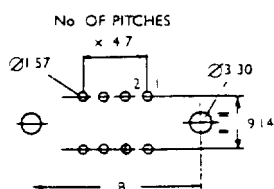
Plug and Socket dimensions

No of ways	A max	B crs	C max
8	43.94	34.92	26.42
16	62.99	53.97	45.47
24	82.04	73.02	64.52
32	101.09	92.07	83.57

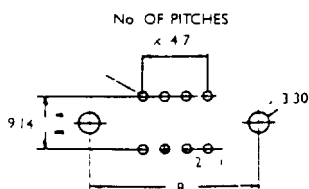
NOTE ALL FIXING HOLES 3.30 Ø

MOUNTING DETAILS (P.C. TERMINATION)

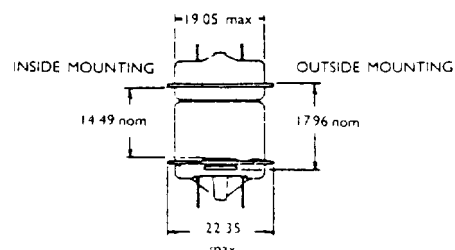
VIEW FROM REAR OF PLUG



VIEW FROM REAR OF SOCKET

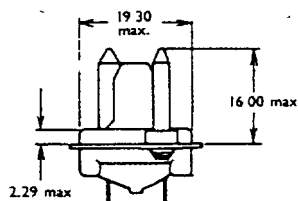
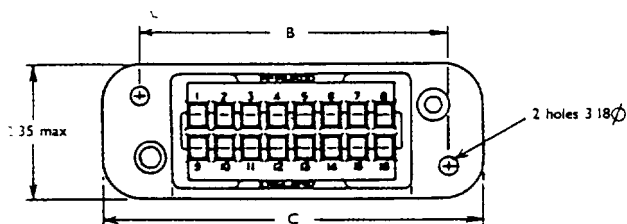
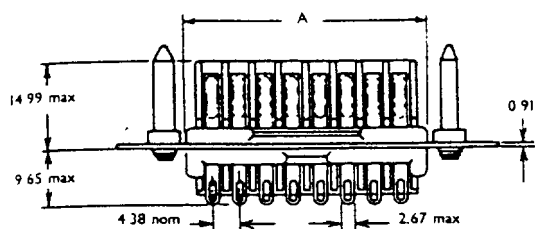


BARRIER POLARISED PLUG AND SOCKET MATED

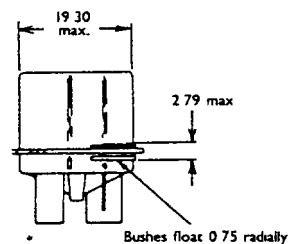
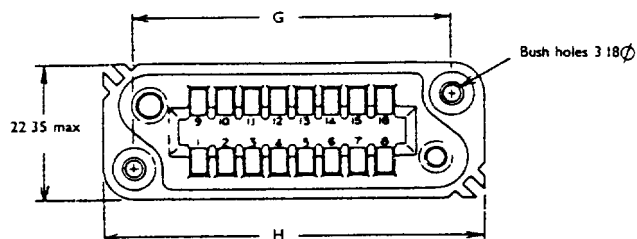
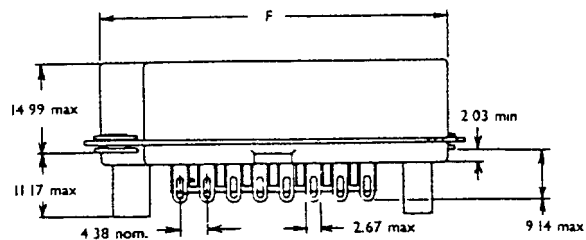


DOWEL POLARISED

PLUG



SOCKET

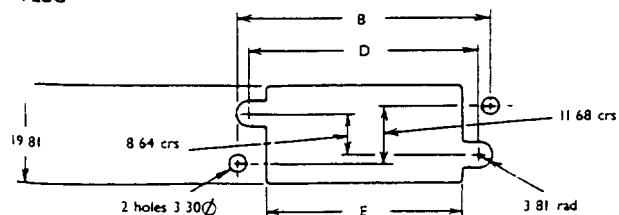


DIMENSIONS

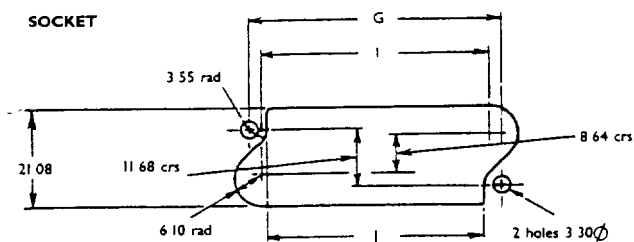
No of ways	A max.	B crs	C max	D crs	E nom	F max	G crs	H max	I crs	J nom
16 way	39.65	51.41	62.15	46.79	40.64	57.90	51.61	61.98	46.81	44.70
24 way	57.02	68.68	79.45	64.06	57.91	74.17	68.48	79.32	63.58	61.72
way	74.50	85.95	96.77	81.33	75.54	91.95	85.95	96.65	81.33	79.48

MOUNTING DETAILS (From wiring side)

PLUG



SOCKET



McMURDO

ORDERING INFORMATION

DESCRIPTION			ORDER CODE	
STYLE	GENDER	NO OF WAYS	MOULDING MATERIAL	
			NYLON PF	DIALYL-PHTHALATE
Barrier Polarised	Plug	8	RP8	DRPI08
		16	RP16	DRPI16
		24	RP24	DRPI24
		32	RP32	DRPI32
	Socket	8	RS8(P)*	DRS108(P)*
		16	RS16(P)*	DRS116(P)*
		24	RS24(P)*	DRS124(P)*
		32	RS32(P)*	DRS132(P)*
Barrier Polarised P.C.B Tail	Plug	8	RP8-T	DRPI08-T
		16	RP16-T	DRPI16-T
		24	RP24-T	DRPI24-T
		32	RP32-T	DRPI32-T
	Socket	8	RS8(P)-T*	DRS108(P)-T*
		16	RS16(P)-T*	DRS116(P)-T*
		24	RS24(P)-T*	DRS124(P)-T*
		32	RS32(P)-T*	DRS132(P)-T*
Dowel Polarised	Plug	16	RPDI6	DRPDI16
		24	-	DRPDI24
		32	-	DRPDI32
	Socket	16	RSDI6	DRSDI16
		24	-	DRSDI24
		32	-	DRSDI32

* Sockets are normally supplied with floating bushes to assist alignment when mounted on racks and chassis. For sockets without floating bushes – add P to end of order code e.g Order code RS24P

COVER with LATCHING CLIPS

Latching clips are supplied separately, 2 off each per assembly. When the latching clips are fitted to sockets it is advisable to use sockets without the floating bushes mounting plate add P to end of order code.

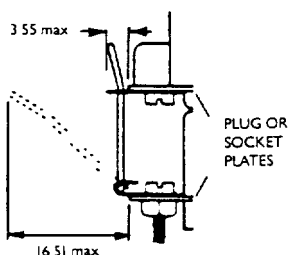
Contact Arrangement	A max.	B crs.	C max.	D max.	E max
8	32.51	34.92	36.83	40.89	9.40
16	51.56	53.97	43.18	47.24	12.70
24	70.61	73.02	43.18	47.24	15.74
32	89.66	92.07	43.18	47.24	15.74



LATCH CLIP RL H

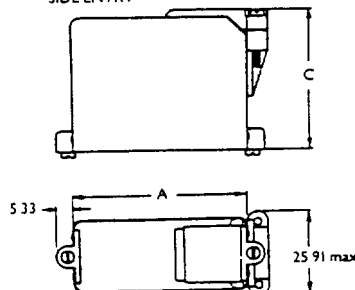


LATCH PLATE RL-L

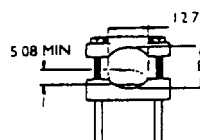
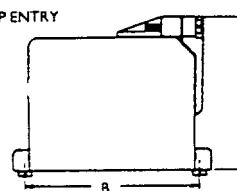


PLUG OR
SOCKET
PLATES

SIDE ENTRY



TOP ENTRY



COVER ORDERING INFORMATION

SIZE

8 way = RC108

16 way = RC116

24 way = RC124

32 way = RC132

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