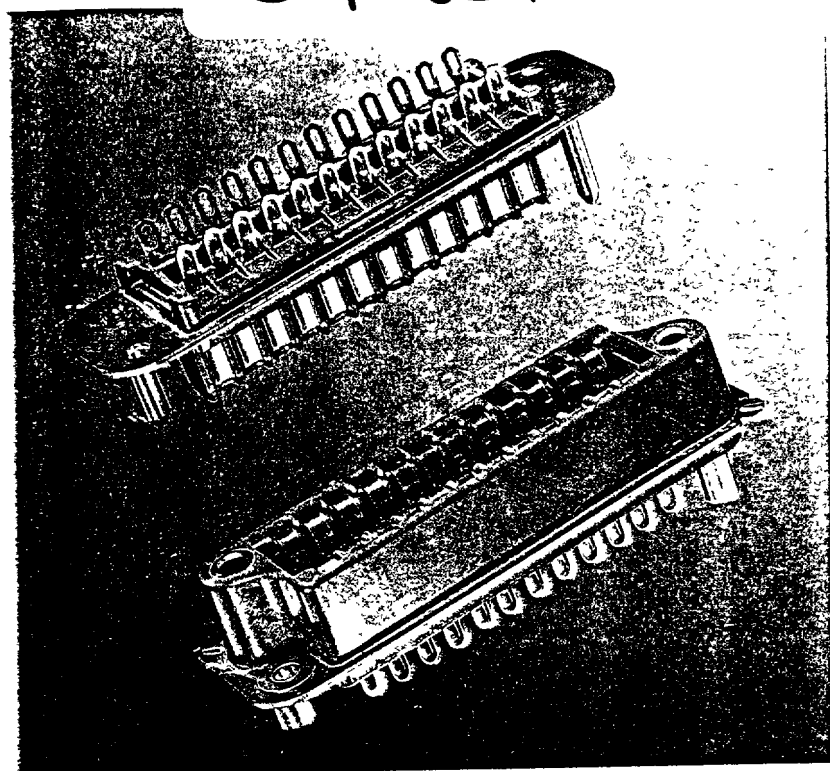


RED RANGE



FEATURES

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

INDUSTRIAL RACK AND PANEL

TECHNICAL DATA

MATERIALS

Insulator
Contact
Mounting plates
Latching screws & bushes
Dowels
Covers

Nylon PF or Diallyl-phthalate (D.A.P)
Copper alloy plated hard acid gold
Stainless steel
Mild steel bright nickel plate
Brass nickel plate
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

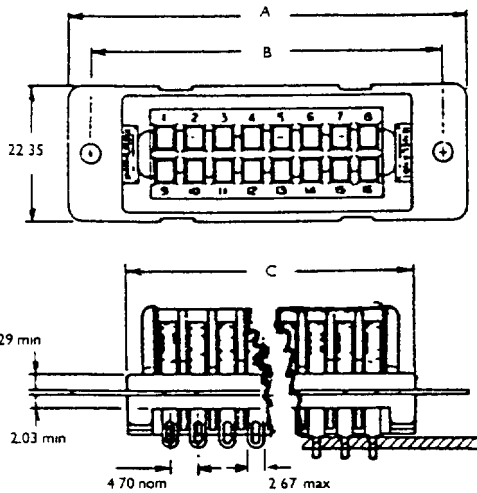
500
2.25N max / 0.75 min

40/100/21

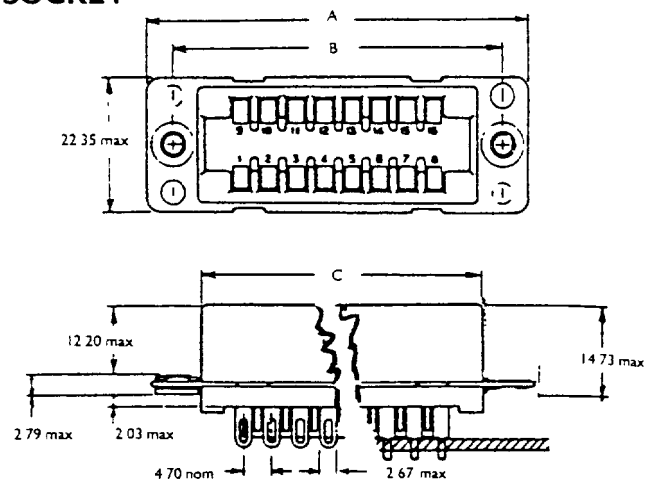
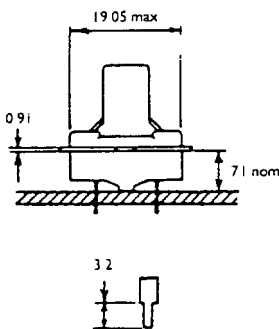
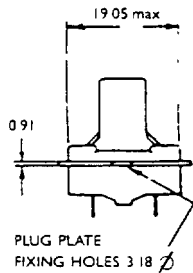
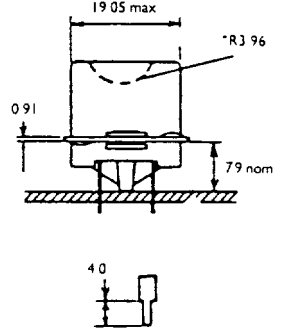
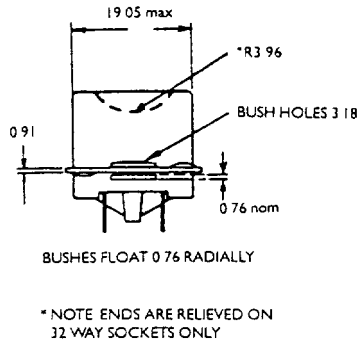
500
2.25N max / 0.75 min

55/125/56

PLUG

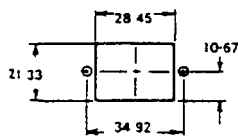


SOCKET

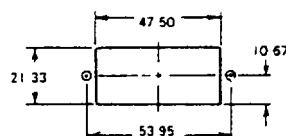
SOLDER
TERMINATIONP.C.
TERMINATIONSOLDER
TERMINATIONP.C.
TERMINATION

MOUNTING DETAILS (SOLDER TERMINATION)

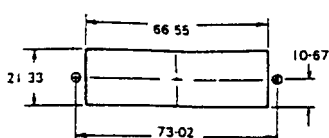
8 WAY



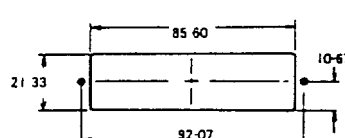
16 WAY



24 WAY



32 WAY



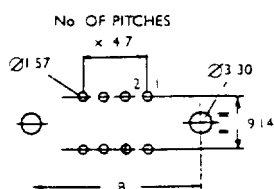
Plug and Socket dimensions

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

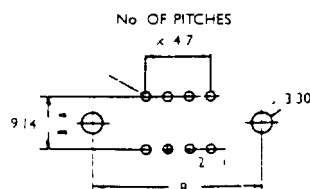
NOTE ALL FIXING HOLES 3.30 $\varnothing$

MOUNTING DETAILS (P.C. TERMINATION)

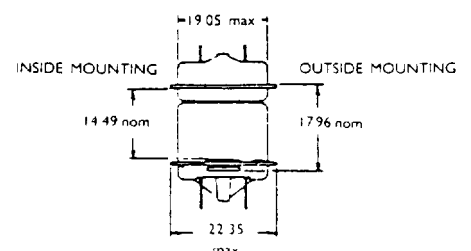
VIEW FROM REAR OF PLUG



VIEW FROM REAR OF SOCKET

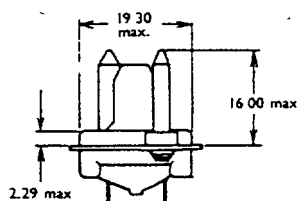
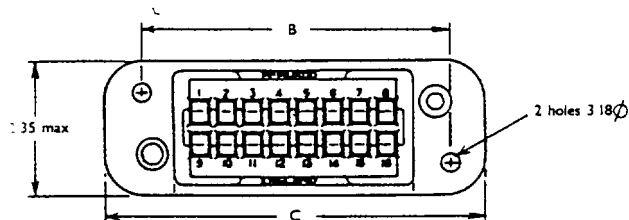
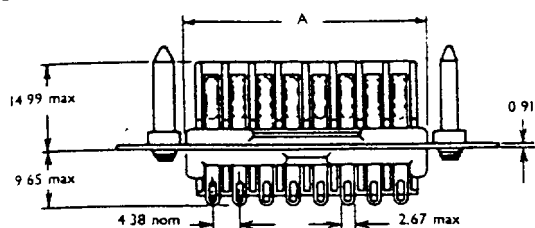


BARRIER POLARISED PLUG AND SOCKET MATED

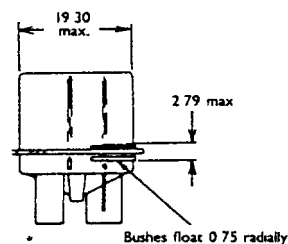
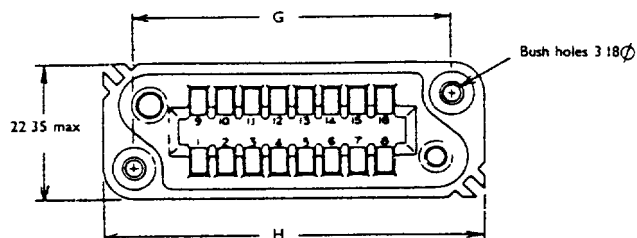
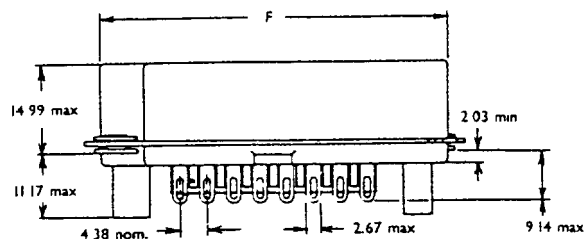


DOWEL POLARISED

PLUG



SOCKET

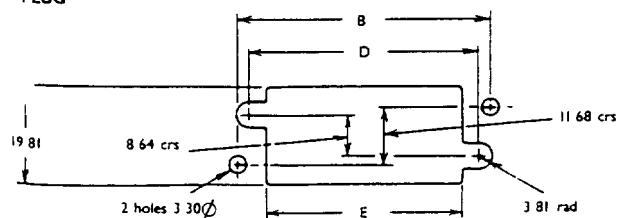


DIMENSIONS

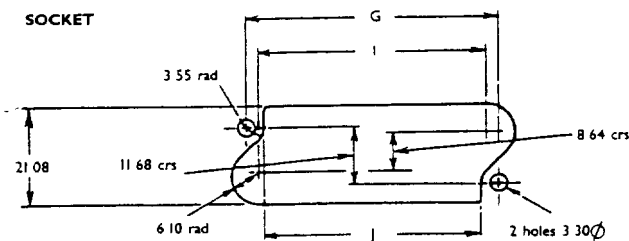
No of ways	A max.	B crs	C max	D crs	E nom	F max	G crs	H max	I crs	J nom
16 way	39 65	51 41	62 15	46 79	40 64	57 90	51 61	61 98	46 81	44 70
24 way	57 02	68 68	79 45	64 06	57 91	74 17	68 48	79 32	63 58	61 72
way	74 50	85 95	96 77	81 33	75 54	91 95	85 95	96 65	81 33	79 48

MOUNTING DETAILS (From wiring side)

PLUG



SOCKET



McMURDO

TEL: (0705) 735361 FAX: (0705) 821777 64

ORDERING INFORMATION

DESCRIPTION			ORDER CODE	
STYLE	GENDER	NO OF WAYS	MOULDING MATERIAL	
			NYLON PF	DIALYL-PHTHALATE
Barrier Polarised	Plug	8	RP8	DRP108
		16	RP16	DRP116
		24	RP24	DRP124
		32	RP32	DRP132
	Socket	8	RS8(P)*	DRS108(P)*
		16	RS16(P)*	DRS116(P)*
		24	RS24(P)*	DRS124(P)*
		32	RS32(P)*	DRS132(P)*
	Plug	8	RP8-T	DRP108-T
		16	RP16-T	DRP116-T
		24	RP24-T	DRP124-T
		32	RP32-T	DRP132-T
P.C.B Tail	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	RPD16	DRPD116
		24	-	DRPD124
		32	-	DRPD132
	Socket	16	RSD16	DRSD116
		24	-	DRSD124
		32	-	DRSD132

* 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.

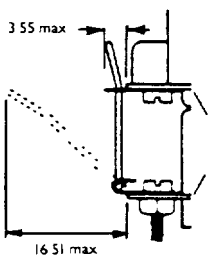
Contact Arrangement	A max.	B crs.	C max.	D max.	E max
8	32.51	34.92	36.83	40.89	9.40
16	51.56	53.97	43.18	47.24	12.70
24	70.61	73.02	43.18	47.24	15.74
32	89.66	92.07	43.18	47.24	15.74



LATCH CLIP RL H

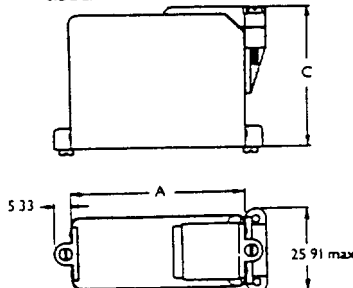


LATCH PLATE RL-L

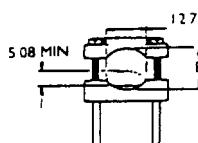
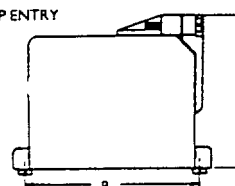


PLUG OR
SOCKET
PLATES

SIDE ENTRY



TOP ENTRY



COVER ORDERING INFORMATION

SIZE

8 way = RC108
16 way = RC116
24 way = RC124
32 way = RC132

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