INTERFACE DESIGN STANDARD		*The* PHOENIX *Company of Chicago, Inc.*	REV.	DESCRIPTION	DATE	APPR.
IDS-78P		22 GREAT HILL RD., NAUGATUCK, CT 06770	F	PER ECN 13488	9/10/19	JEM
SHEET 1 OF 1	DATE: 08/04/98	WWW.PHOENIXOFCHICAGO.COM	E	PER ECN 13033	07/24/18	JEM
			D	PER ECN 12819	04/02/18	JEM
DRAWN: JEM	APPROVED: HN	PHONE: (800) 323-9562	C	PER ECN 11479	10/19/12	JEM

78 Series, High Power Size 8

MATERIALS

BODIES
Plug: Brass Per ASTM-B-16
Receptacle: Beryllium Copper Per ASTM-B-196

CONTACTS
Male Contact: N/A
Female Contacts: N/A

INSULATORS
N/A

PLATING
Gold Per MIL-DTL-45204
Copper Per MIL-C-14550
Nickel Per QQ-N-290

FINISH   (Add Letter To End Of Part Number)

OPTIONS
"A" = .000050 Min. Gold Over Nickel

"B" = .000030 Min. Gold Over Nickel

"C" = .000050 Min. Gold Over Copper

"D" = .000030 Min. Gold Over Copper

MATING CHARACTERISTICS

Bodies: 48 oz. (3lbs Max.) Insertion
               2oz. (0.125lbs.) Min. Withdrawal

ELECTRICAL

Frequency Range:	N/A	Contact Resistance:	3 Milliohms
Voltage Rating Straight:	N/A	Contact Resistance:	N/A
Voltage Rating Angled:	N/A	VSWR:	
Insulation Resistance:	N/A	N/A	
Insertion Loss:	N/A		
Current Rating:	10, 20 & 40 AMPS		
Impedance:	50 Ohms		

ENVIRONMENTAL

Operating Temperature:	-55°C to+ 165°C	Durability:	500 Cycles
Insulation Resistance:	2000 Megohms Post Humidity	Moisture Resistance:	MIL-STD-202, Method 106
Vibration:	MIL-STD-202, Method 204, Test Condition D	Corrosion:	N/A
Shock:	MIL-STD-202, Method 213, Test Condition I	Temperature Cycling:	N/A
Thermal Shock:	MIL-STD-202, Method 107, B, Except High Temperature Shall Be+85°C	High Temperature Test:	N/A
		Salt Spray:	MIL-STD-1344, Method 1001, Condition B