INTERFACE DESIGN STANDARD		PALCO CONNECTOR	REV	DESCRIPTION	DATE	APPR
IDS-33			F	PER ECN 10914	03/30/11	JEM
PAGE 1 OF 1	DATE: 02/28/94		G	PER ECN 12824	04/02/18	JEM
DRAWN: JEM	APPROVED: HN	22 GREAT HILL ROAD, NAUGATUCK, CT. 06770	H	PER ECN 13033	07/23/18	JEM
		PHONE: (800) 323-9562 FAX: (630) 206-1801				

DESCRIPTION: 33 SERIES, MMCX, PER BS EN 122340

MATERIALS

BODIES AND MALE CONTACTS - BRASS PER ASTM-B-16.
FERRULES AND CAPS - BRASS PER ASTM-B-16.
INSULATORS - TEFLON (PTFE) PER ASTM-D-1710.
FEMALE CONTACTS AND CLIP RING - BERYLLIUM COPPER PER ASTM-B-196.

FINISHES (ADD LETTER TO END OF PART NUMBER)

GOLD PER MIL-DTL-45204.
COPPER PER MIL-C-14550.
NICKEL PER QQ-N-290.
BODIES AND CONTACTS: "A" - .000050 MIN. GOLD OVER NICKEL.
BODIES AND CONTACTS: "B" - .000030 MIN. GOLD OVER NICKEL.
OTHER METAL PARTS:
GOLD OR NICKEL PLATED TO MEET THE ENVIRONMENTAL REQUIREMENTS.

MATING CHARACTERISTICS

ENGAGEMENT: 56 OZ. (3.5 LBS.) MAX.
DISENGAGEMENT: 20.8 OZ. TO 54.4 OZ. (1.3 TO 3.4 LBS.)
DURABILITY: 500 CYCLES.
CONFORMS TO CECC 22 340 STANDARDS.

ELECTRICALS

IMPEDANCE: 50 OHMS.
FREQUENCY RANGE: DC TO 6 GHz.
VOLTAGE RATING: 170 VOLTS RMS.
INSULATION RESISTANCE: 5000 MEGOHMS MIN.
TEMPERATURE RATING: -65°C TO +155°C
DWV: 500 VOLTS RMS.
RF LEAKAGE: 55 dB MIN. @ 1 GHz.
CONTACT RESISTANCE: CENTER CONTACT: 5.0 MILLIOHMS.
OUTER CONTACT: 3.0 MILLIOHMS.
VSWR: 1.20 TYP. FOR STRAIGHT CONNECTORS.
1.30 TYP. FOR RIGHT ANGLE CONNECTORS.
INSERTION LOSS: 0.2 dB MAX. @ 1 GHz.

ENVIRONMENTAL

VIBRATION: MIL-STD-202, METHOD 204, TEST CONDITION D.
SHOCK: MIL-STD-202, METHOD 213, TEST CONDITION A.
THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST CONDITION C.
CORROSION: MIL-STD-202, METHOD 101, TEST CONDITION B.

*NOTES:
1) DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED [METRIC].
2) DIMENSIONS ARE SHOWN FOR REFERENCE PURPOSES ONLY.