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REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK	PRELIMINARY RELEASE	11/20/03	Y.M.LEE
B	HK	ADD CHOP OF ROHS	2/8/06	IP



TABLE 1

CONNECTOR SIZES	AVERAGE MATING FORCE (POUNDS)
14	5
24	8
36	12
50	15
64	19

- 10) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
11) CONNECTOR MATING FORCE: REFER TO TABLE 1.
12) CONTACT RETENTION FORCE: 2 LBS MAX.
13) DURABILITY: 250 CYCLES MIN.
14) VIBRATION: NO INTERRUPTIONS < 1u SEC.
15) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)

CUSTOMER INFORMATION DRAWING

SPECIFICATIONS:

- 1) INSULATION DISPLACEMENT CONTACTS: TO ACCOMMODATE 24-26 AWG SOLID AND 26-28 STRANDED CONNECTOR WIRES.
2) DIELECTRIC: PBT GLASS FIBER RE-INFORCED, UL-94V0
3) CONTACT MATERIAL: COPPER ALLOY
4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA: 3-5 MICRO-INCHES GOLD TERMINAL AREA: 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.
5) SHELL MATERIAL: ZINC PLATED STEEL.
6) BAIL LATCH MATERIAL: STAINLESS STEEL WIRE, PASSIVATED FINISH.
7) CURRENT CAPACITY: 5 AMPS/CONTACT
8) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL
200 VOLTS D.C. AT 70,000 FEET
9) INSULATION RESISTANCE: >5000 M OHM

ITEM NO	PART OR IDENTIFICATION NO	NOMENCLATURE OR DESCRIPTION	QTY REQ'D
PARTS LIST			
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S. METRIC		DRAWN XS.GUO	2/8/06
.X +/- 0.020		CHECKED	
.XX +/- 0.010		CHECKED	
.XXX +/- 0.005			
FRACTIONS +/-			
ANGLES +/- 1°			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
-(METRIC)-	-(MM)-		
TITLE		SIZE	DRAWING NO.
24 CONTACT RECEPTACLE ASSEM, CABLE MOUNT-MICROPIERCE, MODIFIED BACK SHELL		A3	C157-62240
REV.		SCALE	SHEET 1 OF 1
B		NONE	1