

**PCB DRILLING DETAILS**

FOR 14 & 15 POSN

Part No&Date Code printing

**TECHNICAL SPECIFICATIONS**

**MATERIAL**  
SHELL : STEEL TIN/ZINC C3 PLATED  
INSULATORS : SELF EXTINGUISHING BLACK POLYESTER UL CLASS 94V0  
CONTACTS : THE HOUSING WILL WITHSTAND EXPOSURE TO 260-285°C  
PLATING : IF WE USE PROTECTIVE ADHESIVE (Type Kaldon or Teflon)  
OR PROTECTIVE METALLIC DEVICE  
COPPER ALLOY

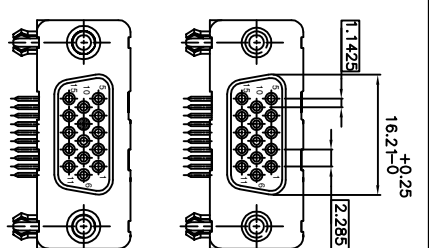
**CONTACTS**  
ACTIVE ZONE : GOLD OVER NICKEL  
TERMINATION ZONE : TIN LEAD OVER NICKEL

**PLATING**  
FOR LEAD FREE PLATING  
METAL BRACKET : 24MIN MATE TIN TOP OVER  
HARPOON : 1.22U MIN NICKEL UNDER PLATE (ON TERMINATION ZONE)  
CLINCH NUT : BRASS, TIN/ZINC C3 PLATED  
SCREW LOCK : BRASS, TIN/ZINC C3 PLATED, BRASS, TIN/ZINC C3 PLATED, BRASS, TIN/ZINC C3 PLATED

**ELECTRICAL DATA**  
MAX CURRENT RATING : 3A  
TEST VOLTAGE : 1000V  
RATED VOLTAGE : 300V  
CONTACT RESISTANCE : ≤ 25mΩ  
SHELL RESISTANCE : ≤ 5mΩ  
INSULATION RESISTANCE : ≥ 5000MΩ

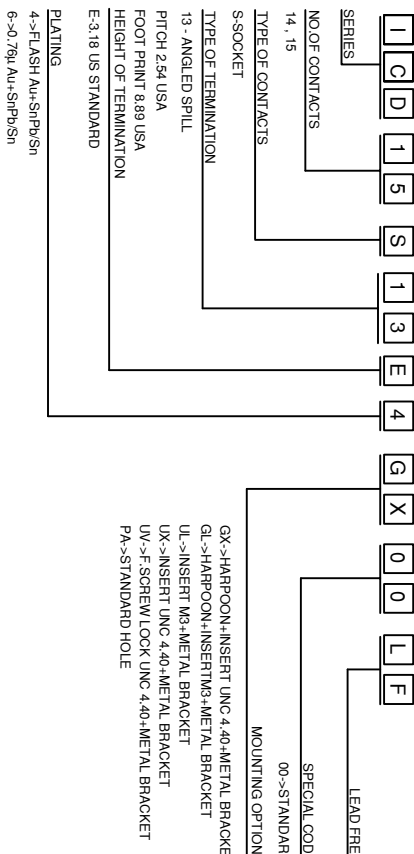
**ENVIRONMENTAL CHARACTERISTICS**  
OPERATING TEMPERATURE RANGE : -55°C - +125°C

**MECHANICAL CHARACTERISTICS**  
MATING/UNMATING CYCLES (MIN) : 200 (FLASH Au); 500 (0.75u Au)  
INSERTION/EXTRACTION FORCE PER CONTACT : 5 N MAX.; 0.3 N MIN.



FOR 14 POSN, HOLE NO. 9 IS BLOCKED.

**ORDERING INFORMATION**



"This product meets European Union Directives and other country regulations as described in GS-22-008"  
 The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.  
 Packaging as per GS-14-920

mat'l. code		SEE NOTE 4		surface tolerance		projection		product family	
ltr	ecrn no	dr	date	ISO 1302	ISO 406 ISO 1101	mm	mm	COMPACT D	
E	06-0074	GVJ	2006/08/08	tolerances unless otherwise specified				COMPACT-D M/S FEMALE CONNECTOR (GV VER.)	
F	07-0708	AS	2007/09/23	angles				(WITH CLINCH NUT/HARPOON & METAL BRACKET)	
G	108-0159	AS	2008/11/20	linear	0.03-0.1			[ WITH CLINCH NUT/HARPOON & METAL BRACKET ]	
		dr	ANSIS/SALAM	0.00-0.00X	scale			dwg no	
		engr	ANSIS/SALAM	1998/12/16				sheet 1 of 1	
		chr	ANSIS/ SALAM	2008/11/20				C-CD-0012	
		appd	SUDHIR VARMA	2008/11/20				Product Customer Drawing	
sheet index	revision	sheet	1					size	
								A3	