



**SHELL 8**  
(Rear detail)



**SHELL 10 / 12 / 14**  
(Rear detail)



**PANEL CUT OUT**



SHELL SIZE	A ±0.15	B ±0.20 (without marking)	C ±0.20	C ±0.37 specif. 30	D ±0.20	E ±0.20	Thread	Tightening torque (Nut)
08	11.90	24.00	19.05 ±0.37	19.05	13.75	14.60	9/16 24 UNEF CLASS 2A	2 Nm
10	14.90	26.90	22.15	22.20	16.50	17.70	11/16 24 UNEF CLASS 2A	3 Nm
12	18.95	31.75	27.15	26.97	21.20	22.50	7/8 20 UNEF CLASS 2A	4 Nm
14	22.15	34.90	30.20	30.15	24.30	25.70	1"20 UNEF CLASS 2A	5 Nm

**MATERIAL :**  
 Shell: Polyamid UL94 V-0  
 Insert: Polychloropren (CR)  
 Seal gasket : Sealing IP68/69K : Silicone  
 O'ring: nitril  
 Nut: Aluminium alloy black anodized  
 Contact: Brass + gold plated

**PERFORMANCE CHARACTERISTICS :**  
 Operating temperature: -40°C up to 105°C  
 Insulation resistance: 5000 MΩ min  
 Test potential: 2000 Vrms for #16 layout and 1500Vrms for #20 layout  
 Corrosion salt spray: 500 hours  
 Durability: 250 matings and unmatings  
 Sealing in mated and unmated conditions:  
 -IP68 1 bar during 1 week : immersion under 10 m of water. (IEC 60529)  
 -IP69K : exposure to high pressure water of cleaning equipment (DIN 40050)

**NOTE:**  
 Insert arrangements: refer to C144-UTS1-A



**CUSTOMER DRAWING**

h	11/05/11	specify the dimensions - add orientations in the part number	21774
ISS	DATE	Add Insert arrangements	MOD N°
Designed by: <b>SORIN V.</b>		Latest modification - by: <b>J.FEURPRIER</b>	<b>CUSTOMER DRAWING</b>
Date: 26/10/07			
<b>TITLE</b> JAM NUT RECEPTACLE WITH SOLDER CONTACTS UTS HI SEAL			
Scale	2/1	General linear Tolerances: ± 0.1	NPRDS / PROJECT <b>UTS</b>
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FORMAT	SOURIAU DRG N° <b>C045-UTS1-A</b>		SHEET 1 / 1