

Technical drawing of a 7-pin D-sub connector. The drawing includes a top view, a side view, and a cross-sectional view. The top view shows a hexagonal flange with a central circular area containing seven pins, numbered 1 through 7. The side view shows the profile of the connector with dimensions for the overall height (21.6 ± 2), the height of the flange (6.9 ± 0.5), and the height of the pins (7 ± 0.5). The cross-sectional view shows the internal components, including the pins, the housing, and the solder cups. Dimensions for the cross-section include the outer diameter (Ø 17 ± 0.3), the inner diameter (Ø 14.1 +0.1/-0.2), and the diameter of the pins (Ø 12.1 +0.2/-0.1). The drawing also includes a detail of the panel cutout, showing a circular hole with a diameter of Ø 14.1 +0.1/-0.1 and a thickness of 6.1 +0.1/-0.1. The panel cutout is specified as t: 0.5 ~ 2. The drawing also includes a detail of the solder cup, showing a diameter of (Ø 1.1) and a height of (0.5). The drawing is labeled with 'HRS DRA' and 'FOR REFERENCE'.

Panel cutout
t: 0.5 ~ 2

Ø 17 ± 0.3
Ø 14.1 +0.1/-0.2
Ø 12.1 +0.2/-0.1

21.6 ± 2
6.9 ± 0.5
7 ± 0.5

(1.5)
(1.5)

M14X0.75

(8)

(19.6)

17 ± 0.3 (HEX)

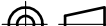




(6)

(3)

(0.5)

Solder cup inside dia. (Ø 1.1)

NOTE 1 The recommended tightening torque of Ref.No. ⑤ shall be 2 N · m. LOCTITE 243 HENKEL JAPAN or equivalent is recommended to prevent Ref. No. ⑤ for loosening.

3	DIALLYL PHTHALATE	(BLACK) UL94V-0	6	PHOSPHOR BRONZE	NICKEL PLATING					
2	COPPER ALLOY	SILVER PLATING 5μm min.	5	BRASS	NICKEL PLATING					
1	ZINC ALLOY	MATTE FINISH NICKEL PLATED	4	DIALLYL PHTHALATE	(BLACK) UL94V-0					
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS				
UNITS mm				SCALE 2 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED :HY. KOBAYASHI		15.10.23	DRAWING NO. EDC-006792-71-71					
		CHECKED :HY. KOBAYASHI		15.10.23	PART NO. RM12BRD-7S(71)					
		DESIGNED :HT. ZENBA		15.10.23	CODE NO. CL109-0619-1-71					
		DRAWN :HT. ZENBA		15.10.23	 					

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirose Electric:](#)

[RM12BRD-7S\(71\)](#)