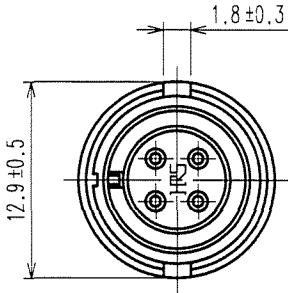
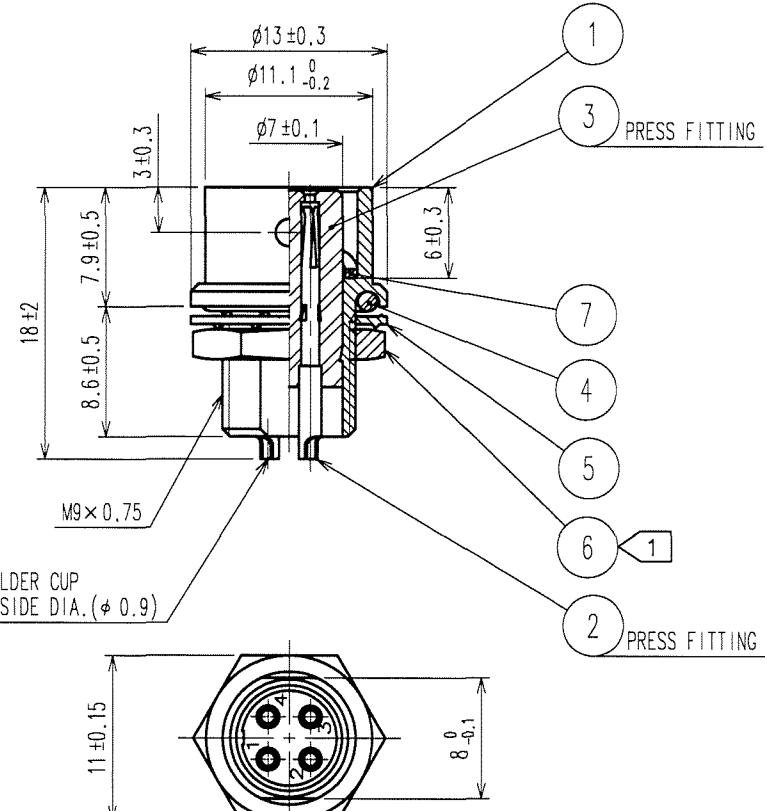
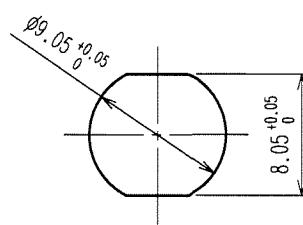


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO +85 °C			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C			
	VOLTAGE	AC 100 V, DC 140 V							
	CURRENT	1 A			APPLICABLE CABLE				
SPECIFICATIONS									
ITEM	TEST METHOD			REQUIREMENTS			QT	AT	
CONSTRUCTION									
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			×	×	
MARKING	CONFIRMED VISUALLY.						×	×	
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE	CONTACT SHALL BE MEASURED AT DC 1 A			10 mΩ MAX.			×	×	
	CONTACT SHALL BE MEASURED AT DC — A			— mΩ MAX.			—	—	
INSULATION RESISTANCE	100 V DC.			200 MΩ MIN.			×	×	
VOLTAGE PROOF	300 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			×	×	
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND WITHDRAWAL FORCES	φ0.610 ⁰ _{-0.003} BY STEEL GAUGE			INSERTION AND WITHDRAWAL FORCES: 0.2 N MIN.			×	—	
CONNECTOR INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.			INSERTION AND WITHDRAWAL FORCES: 30 N MAX.			×	—	
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.			CONTACT RESISTANCE: 15 mΩ MAX.			×	—	
				— RESISTANCE: — mΩ MAX.			—	—	
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—	
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90 TO 95 %, 96 h.			① INSULATION RESISTANCE: 20 MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → R/T ⁽¹⁾ → +85 → R/T °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES.			① INSULATION RESISTANCE: 200 MΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			×	—	
DRY HEAT	EXPOSED AT +85 °C, 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—	
COLD	EXPOSED AT -55 °C, 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—	
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, + 350 °C, FOR SOLDERING DURATION, 3 ⁺¹ ₀ s.			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.			×	—	
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, + 350 °C FOR SOLDERING DURATION, 2 TO 3 s.			WETTING ON SOLDER SURFACE, NO SOLDER CLUSTER.			×	—	
REMARKS									
NOTE(1) R/T : ROOM TEMPERATURE				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				H. Kawashima	H. Kawashima	T. Akyama	M. Sato		
Unless otherwise specified, refer to JIS C 5402.				06.1.31	06.1.31	06.1.31	06.1.31		
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET			PART NO. KMC9BRD-4S (75)				
CODE NO. (OLD) CL		DRAWING NO. ELC4-007490-75			CODE NO. CL 110-0015-3-75				



DRAWING FOR REFERENCE: This is subject to change without notice

2017/10/27 06:13:01 (JST) Hayley North

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<p>NOTES</p> <p>1) THE RECOMMENDED TIGHTENING TORQUE OF REF. NO. ⑥: 1.5 TO 2N·m COATING WITH LOCTITE 242, HENKEL JAPAN OR EQUIVALENT IS RECOMMENDED TO PREVENT REF. NO. ⑥ FROM LOOSENING.</p> <p>2) SURFACE PLATING: GOLD PLATING 2μm min. UNDER PLATING : NICKEL PLATING 3μm min.</p>																																															
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