

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +85°C	STORAGE TEMPERATURE RANGE	°C TO °C
	VOLTAGE	AC 125 V	OPERATING HUMIDITY RANGE	% TO %
	CURRENT	1 A	APPLICABLE CABLE	

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		○	○

ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	40 mΩ MAX.	○	○
INSULATION RESISTANCE	250 V DC.	1000 MΩ MIN.	○	-
VOLTAGE PROOF	350 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	○

MECHANICAL CHARACTERISTICS				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 29.4 N MAX. EXTRACTION FORCE 29.4 N MAX.	○	-
MECHANICAL OPERATION	20000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 1.5 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② CONTACT RESISTANCE: 60 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.		○	-

ENVIRONMENTAL CHARACTERISTICS				
RESISTANCE TO DRY HEAT	EXPOSED IN 85 °C, 500h.	① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→15~35 → 85 → 15~35 °C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90~95 %, 96 h.	① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. (AFTER DRY) ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
HYDROGEN SULPHIDE	EXPOSED IN SO ₂ 10ppm, H ₂ S 3ppm, 70~80%, 96 h.		○	-

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	FOR REFERENCE ONLY Subject to change without notice Unless otherwise specified, refer to JIS C 5402.	J. Miura 98.12.7	A. Funatsu 98.12.07	<i>[Signature]</i> 98.12.7	<i>[Signature]</i> 98.12.10

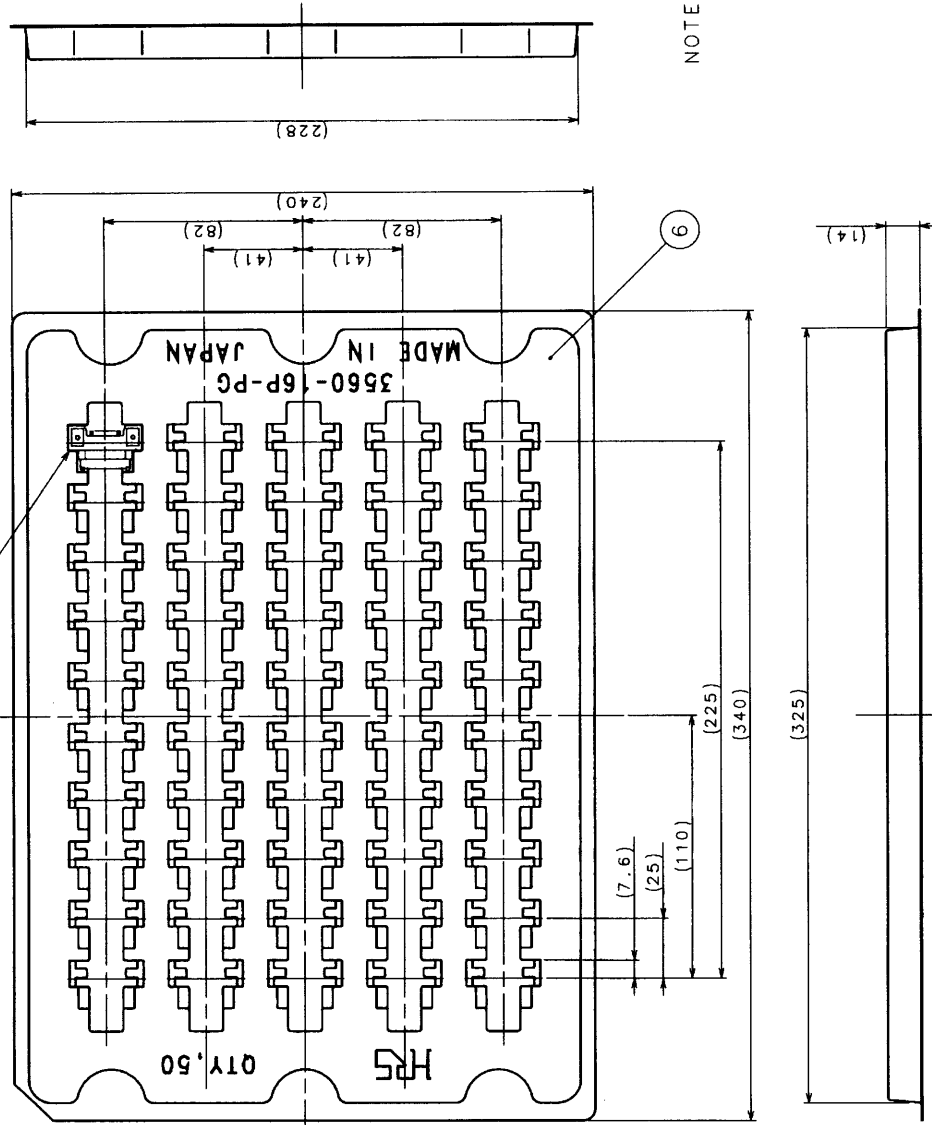
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test		SPECIFICATION SHEET		PART NO. 3560-16P-PG
CODE NO. (OLD) CL	DRAWING NO. SLC4-120892	CODE NO. CL235-0016-0	1/1	

TO
Q1



FIG-4. TRAY DIMENSION

CONNECTOR ORIENTATION



NOTE 5 CONNECTOR ORIENTATION IN TRAY
CAVITIES SHOWN IN FIG-4.

6 CONNECTORS TO BE PACKAGED
PER TRAY = 50 PCS.
NOTE: PLEASE ORDER THE
CONNECTOR QUANTITY.

FOR REFERENCE ONLY
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5	6	7	8
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6	PVC	MATERIAL	FINISH. REMARKS	MATERIAL	FINISH. REMARKS
NO.	(OLD)				
PACKAGING SPECIFICATION		DRAWN		APPROVED	
EDC3-120892		A. Furusaki		98.12.10	
DRAWING NO.		DESIGNED		CHECKED	
SCALE 2:1		98.12.7		98.12.7	
UNITS mm		PART NO.		FINISH. REMARKS	
		3560-16P-PG		RELEASD	
HRS		CODE NO.		HRS	
HIROSE ELECTRIC CO., LTD.		CL235-0016-0		7.2.04	
		2		USA	
		7			
		8			