

Customer Information Sheet

DRAWING No.: K3600-91

SHEET 2 OF 2

IF IN DOUBT - ASK

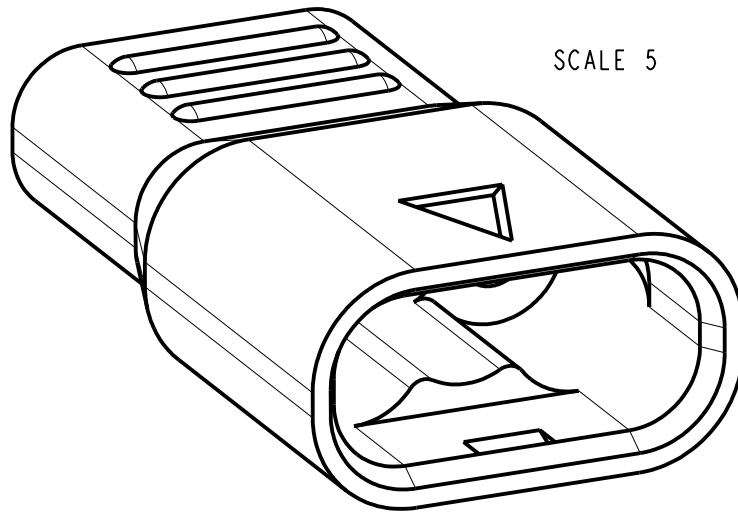
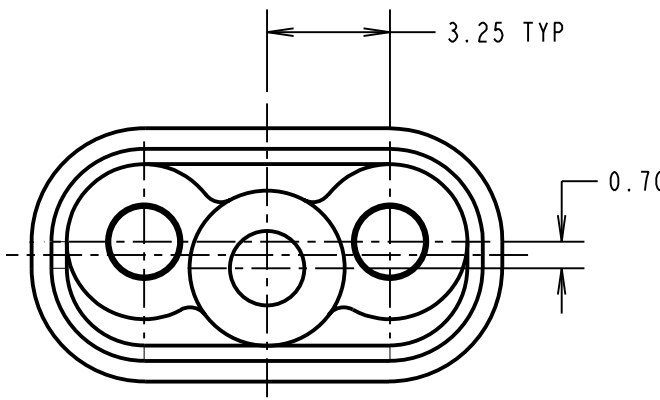
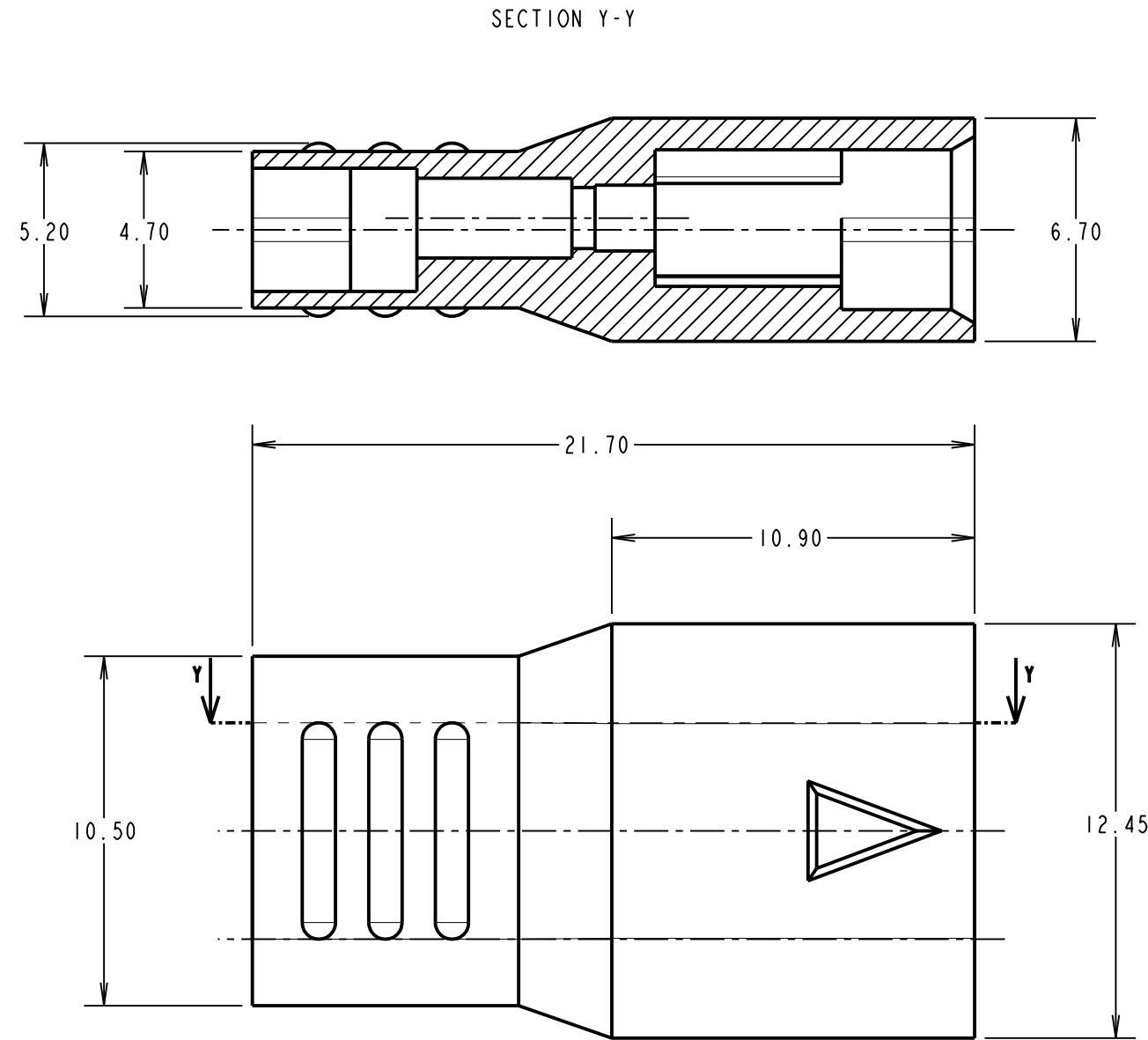
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NOT TO SCALE

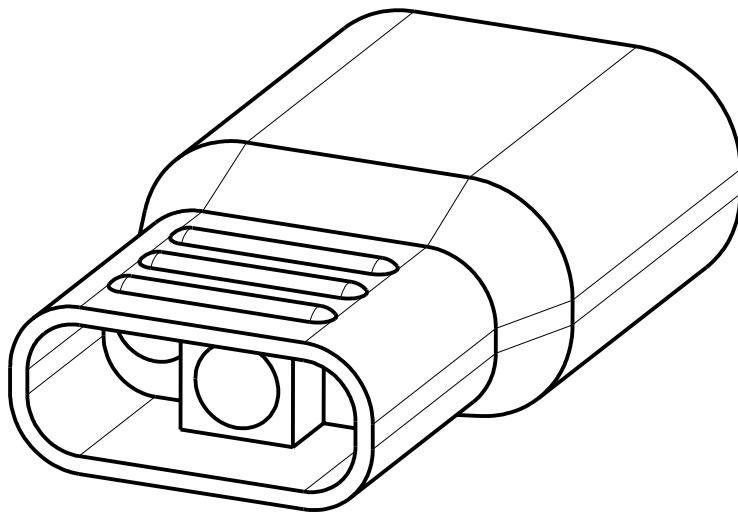
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SEE COMPONENT SPECIFICATION C034XX FOR ASSEMBLY INSTRUCTIONS AND TECHNICAL DATA



ORDER CODE:
K3600-91
COLOUR
91 - GREY



NOTES:

- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C034XX (LATEST ISSUE). THE COMPONENT SPECIFICATION ALSO INCLUDES NOTES ON ASSEMBLY METHODS.
- THIS MOULDING CAN BE USED WITH 2-OFF SOLDER-BUCKET CONTACTS K3602-06, OR 2-OFF CRIMP CONTACTS K3606-06 (SEE INSTRUCTION SHEET IS-01). SPECIFICATIONS LISTED HERE APPLY FOR A COMPLETE ASSEMBLY OF MOULDINGS AND CONTACTS.
- ASSEMBLY TOOL ZK3610-00 CAN BE USED TO AID INSERTION AND EXTRACTION OF CONTACTS FROM MOULDING (SEE INSTRUCTION SHEET IS-22).
- THIS MOULDING MATES WITH 2-WAY SOCKET MOULDING K3601-91.
- THIS MOULDING MAY BE BACK-POTTED TO ACHIEVE A PROTECTION RATING OF IP55 (WHEN MATED).
- ALL TOLERANCES ARE ± 0.05 UNLESS OTHERWISE STATED.

SPECIFICATIONS:

ELECTRICAL:

CURRENT RATING @ 25°C = 10A MAX
CURRENT RATING @ 85°C = 7.5A MAX
WORKING VOLTAGE = 250V AC/DC
VOLTAGE PROOF = 750V AC/DC
CONTACT RESISTANCE (INITIAL) = 10mΩ MAX
CONTACT RESISTANCE (AFTER CONDITIONING) = 15mΩ MAX
INSULATION RESISTANCE (INITIAL) = 1,000MΩ @ 500V DC FOR 1 MINUTE
INSULATION RESISTANCE (AFTER CONDITIONING) = 100MΩ @ 500V DC FOR 1 MINUTE

MECHANICAL:

DURABILITY = 100 OPERATIONS
RETENTION FORCE OF CONTACT IN MOULDING (INITIAL) = 20N MIN
INSERTION FORCE OF CONNECTOR ASSEMBLY = 40N MAX
WITHDRAWAL FORCE OF CONNECTOR ASSEMBLY = 10N MIN
CRIMP PULL-OFF OFF FORCE (BS 5G 178) = 142N MIN
PROTECTION RATING (BS EN 60529) = IP55 (SEE NOTE 5)

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

RA	2	15.06.09	10352
NAME	ISS.	DATE	C/NOTE
APPROVED: R. ADDE			
CHECKED: M.G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN			TOLERANCES		MATERIAL:		TITLE:	
HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com			HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk		HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg		30% GLASS-FILLED POLYESTER UL94V-0, GREY	
			X.X = $\pm 1mm$ X.XX = $\pm 0.25mm$ X.XXX = $\pm 0.1mm$ X.XXX = $\pm 0.01mm$ ANGLES = $\pm 5^\circ$ UNLESS STATED		FINISH:		DRAWING NUMBER:	
					S/AREA: mm ²		POWER CONNECTOR 2-WAY PIN MOULDING	
							K3600-91	
							SHT 2 OF 2	