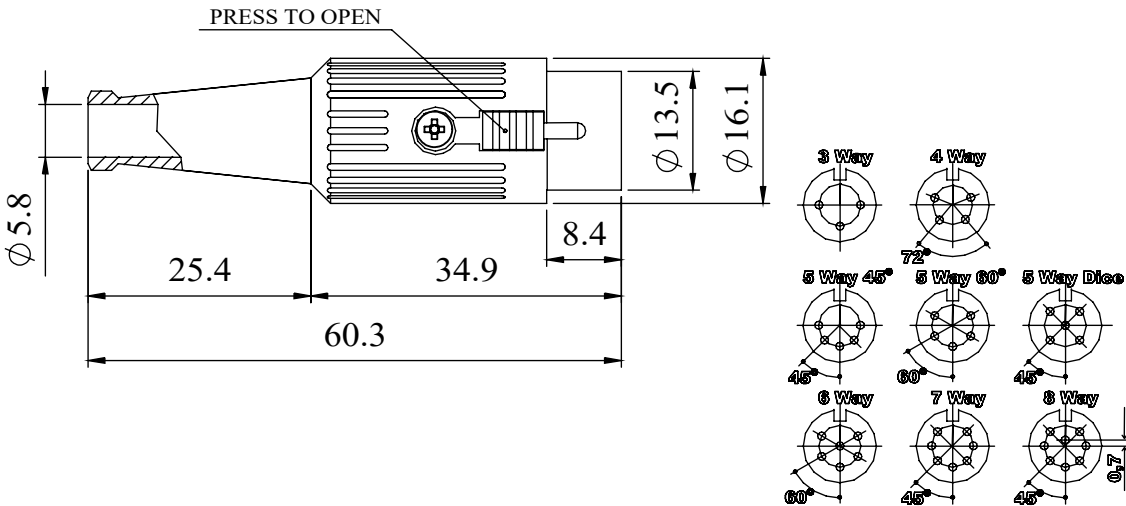


REV	1	DATE	ECN NUMBER	ECR COMMENT	2	3	4	5	6	7
003	07 May 2020	C04605	TYPO CORRECTION	UPDATE PLATING DESCRIPTION ON SUPPLIER DRAWING AND WEB SPECS						
002	27 Apr 2020	C04605								

A FULLY SCREENED ROBUST RANGE OF DIN CONNECTORS FOR USE IN INSTRUMENTATION AND AUDIO APPLICATIONS. AVAILABLE IN TWO FINISHES; BRIGHT NICKEL AND BLACK CHROME. ROBUST CONSTRUCTION INCORPORATING CABLE GRIP AND STRAIN RELIEF.

MANUFACTURED TO DIN 41524, 45322, 45326, 45327 AND 45329.

DIMENSIONS

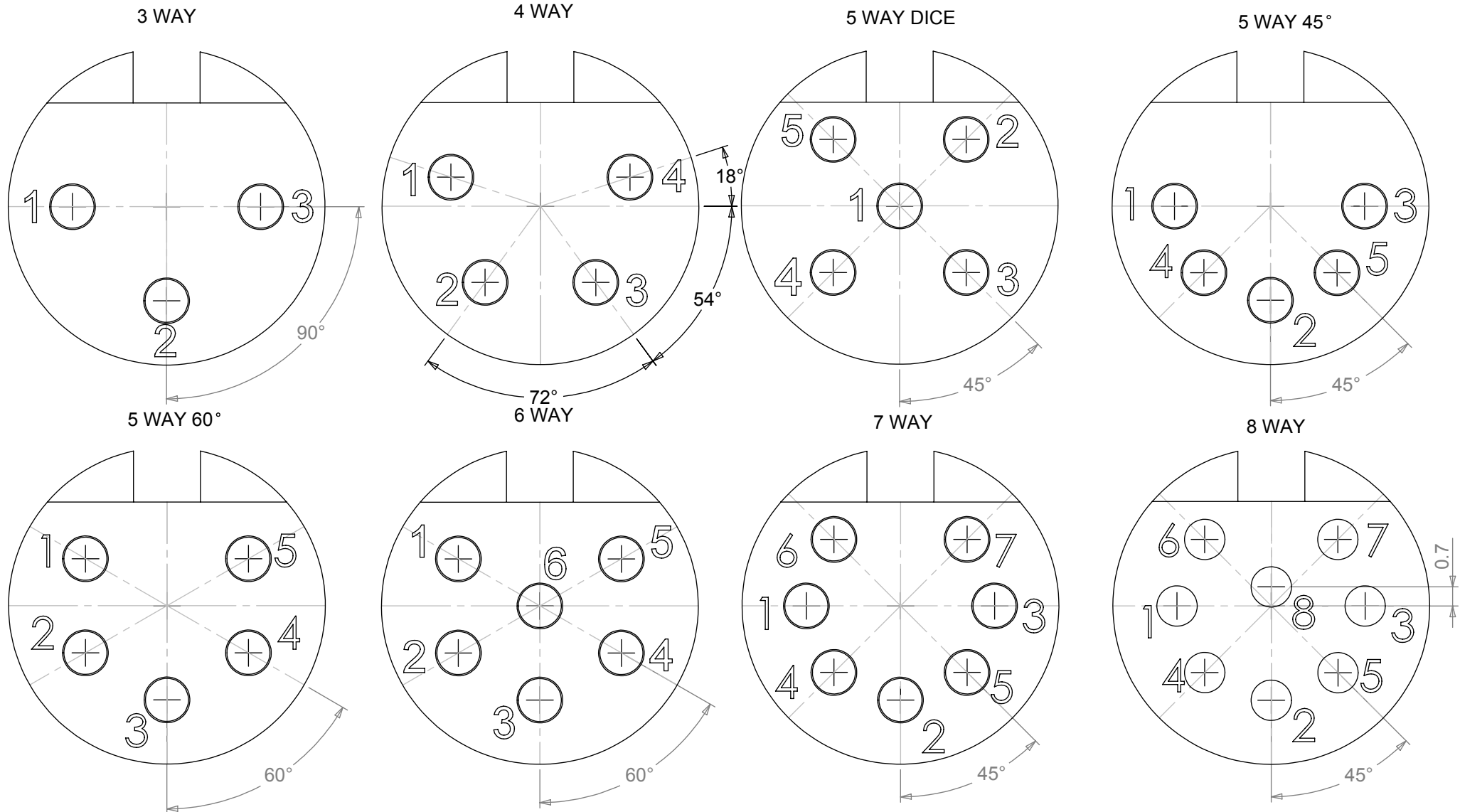


MATERIALS	
HOUSING	ZINC ALLOY
HOUSING FINISH	BRIGHT NICKEL PLATED OR BLACK CHROME
MOULDING	NYLON
CONTACTS	BRASS CZ121, SILVER PLATED
CABLE CLAMP	MILD STEEL, SILVER PLATED
GROMMET	BLACK PVC
LOCKING LATCH	ZINC ALLOY, NICKEL PLATED
SCREW	MILD STEEL, NICKEL PLATED
ELECTRICAL	
RATED VOLTAGE	34V A/C or D/C
CURRENT RATING	2 AMP
TEST VOLTAGE	500V r.m.s
INSULATION RESISTANCE	103 MΩ MIN AT 100V DC
CONTACT RESISTANCE	10mΩ MAX
CAPACITANCE (MATED)	3 pF
RECOMMENDED CABLE SIZE	MAX CABLE 6mm Ø MAX CONDUCTOR 1mm Ø
CLIMATIC	
CLIMATIC CATEGORY	25/070/21
TEMPERATURE RANGE	-25°C TO +70°C
DAMP HEAT, STEADY STATE	21 DAYS

TYPE	PART NUMBER	
	NICKEL	BLACK
3 WAY	590-0300	591-0300
4 WAY	590-0400	591-0400
5 WAY 45°	590-0500	591-0500
5 WAY 60°	590-0510	591-0510
5 WAY	590-0520	591-0520
6 WAY	590-0600	591-0600
7 WAY	590-0700	591-0700
8 WAY	590-0800	591-0800

<div><div>DELTRON</div><div>Components</div></div>		<div><div>DEM</div><div>Alpha3</div><div>manufacturing</div></div>	<div>PROPRIETARY AND CONFIDENTIAL:</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ALPHA 3 MANUFACTURING.</div> <div>ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ALPHA 3 MANUFACTURING IS PROHIBITED.</div> <div>DEM Manufacturing is a division of Alpha 3 Manufacturing LTD</div> <div>DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK</div>		<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES</div> <div>LINEAR & RADIAL TOLERANCES:</div> <div>NO DECIMAL PLACES :</div> <div>1 DECIMAL PLACE ±</div> <div>2 DECIMAL PLACES ±</div> <div>ANGULAR TOLERANCE: ±</div>		<div>IF IN DOUBT ASK! DO NOT SCALE DRAWING!</div> <div>FINISH SEE NOTE</div> <div>MATERIAL SEE NOTE</div> <div>THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION</div>		<div>AUTHOR SB</div> <div>EDITOR DT</div> <div>APPROVER PA</div> <div>THIRD ANGLE PROJECTION</div>	<div>SB</div> <div>PA</div> <div>DT</div> <div>SHEET 1 OF 1</div> <div>SCALE 1:1 A4</div>	<div>TITLE GENERAL SPECIFICATION</div> <div>590-591 SERIES</div> <div>LATCHING DIN CONNECTORS</div> <div>ISSUE/REV. 003</div> <div>RELEASED</div>	<div>EDIT DATE 07/05/2020</div> <div>RELEASE DATE 07/05/2020</div>
<div><div>DELTRON</div><div>Enclosures</div></div>												
<div><div>ROXBURGH</div><div>EMC</div></div>												
<div>+44(0)1724 273200</div>		<div>www.dem-uk.com</div>										

PIN VARIATIONS USED IN: 590 / 591 / 592 / 600 / 601 / 610 / 611 - DIN PLUG CONNECTORS



MANUFACTURED TO DIN STANDARD 41524, 45322, 45326, 45327 AND 45329

Mouser Electronics

Authorized Distributor

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

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