



- CONNECTOR DIMENSIONS ARE PER ARINC 600 SPECIFICATION
- CONNECTOR IS SUPPLIED WITH CONTACTS (PER TABLE), NOT INSTALLED.
- CONNECTOR IS SUPPLIED WITH A DUST COVER INSTALLED (NOT SHOWN).
- CONTACTS NOT SHOWN IN FRONT & REAR VIEWS FOR CLARITY.
- 1663642-2 IS NOT RELEASED FOR PRODUCTION.
- KEYING SHOWN IN POSITION "01" FOR REFERENCE ONLY. SEE TABLE FOR KEYING POSITION. FOR POSITION "00" KEYING SHIPPED UNASSEMBLED.
- LUXCIS IS A TRADEMARK OR RADIALL.

PART NUMBER	DESCRIPTIVE NUMBER
1663642-1	NIC66H252A10AAO
1663642-2	---

COMPONENT	MATERIAL	FINISH
SHELL	DIE CAST ALUMINUM PER ASTM-B-85	CHEMICAL COVERSION COATING PER MIL-C-5541, CLASS 1A
RETENTION PLATES	ALUMINUM ALLOY PER ASTM-B-209	CHEMICAL COVERSION COATING PER MIL-C-5541, CLASS 1A
SCREWS AND LOCKWASHERS	STEEL OR STAINLESS STEEL	CHROMATE OVER ZINC OR PASSIVATED
POLARIZING POSTS	ZINC ALLOY PER ASTM-B-86	ELECTROLESS NICKEL PER MIL-C-26074, CLASS 4, GRADE B
INSERTS	THERMOSET	-
POLARIZING POST RETAINING PLATE	ALUMINUM ALLOY PER ASTM-B-209	BLUE ANODIZED PER MIL-A-8625

KEYING POSITION	CONTACTS INCLUDED	PART NUMBER
"01"	MODULE A & B 208262-3 (SIZE 22 SOCKET; QTY=300) MODULE C 208267-2 (SIZE 20 SOCKET; QTY=4) 208270-2 (SIZE 16 SOCKET; QTY=3) 208273-2 (SIZE 12 SOCKET; QTY=4) 1757711-1 (LUXCIS SIZE 8 CAVITY REDUCER QTY=2)	1663642-2
"10"	MODULE A & B 208262-3 (SIZE 22 SOCKET; QTY=300) MODULE C 208267-2 (SIZE 20 SOCKET; QTY=4) 208270-2 (SIZE 16 SOCKET; QTY=3) 208273-2 (SIZE 12 SOCKET; QTY=4)	1663642-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: C.C.THOMAS 1-23-06
 CHK: K.HOGAN 1-23-06
 APPR: K.HOGAN 1-23-06
 NAME: PLUG ASSY, SIZE 2, ARINC 600

tyco Electronics
 Tyco Electronics Corporation
 Harrisburg, Pa 17105-3608

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ± -
 1 PLC ± -
 2 PLC ± -
 3 PLC ± -
 4 PLC ± -
 ANGLES ± -

MATERIAL: SEE TABLE
 FINISH: SEE TABLE

SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 1663642
 WEIGHT: -
 CUSTOMER DRAWING

SCALE: 1.5:1
 SHEET: 1 OF 1
 REV: A