

# ITW SHAKEPROOF INDUSTRIAL PRODUCTS

FINISH  
CODE

REVISION  
LEVEL

**BRIEF DESCRIPTION:**

HL-0 BRIGHT ELECTRO NICKEL

**HL**

**0**

REV DATE: 8/22/2016

**GENERAL DESCRIPTION**

BRIGHT NICKEL ELECTROPLATE FINISH WITH A UNIFORM SURFACE. NO COPPER UNDERCOAT  
!!!MUST BE RoHS COMPLIANT!!!

**APPEARANCE**

BRIGHT NICKEL

**ADHESION AND DUCTILITY**

TO BE TESTED IN ACCORDANCE TO ASTM B571 (SCOTCH TAPE TEST)

**CORROSION REQUIREMENTS**

RED RUST:

WHITE CORRIOSION:

**COATING THICKNESS REQUIREMENTS**

MIN THICKNESS: .0004    MAX THICKNESS: .0006

THICKNESS SHALL BE TESTED PER ASTM B487

**STRESS RELIEF**

PARTS TO BE BAKED AT 500-525 DEGREES F FOR 3 HOURS WITHIN 1 HOUR OF PLATING.

**QUALITY CONTROL**

GRINDING WHEEL TEST: SAMPLE PARTS WILL BE GROUND ON EDGES THROUGH THE PLATED DEPOSIT AND INTO THE BASE METAL AND THE GROUNDED EDGES EXAMINED FOR FLAKING OR PEELING. VISUALLY INSPECT FOR UNIFORMITY OF COLOR AND SURFACE APPEARANCE, BLISTERING

**PROCESS TO**

GE F70E4A4

PRINT DATE:

8/22/2016