**SLIM BODY FLAT RIBBON IDC CABLES**

**SPECIFICATIONS**


**Insulator Material:**
Black Glass Filled Polyester

**Plating:**
- Au over 50µ” (1,27 µm) Ni or Sn over 100µ” (2,54 µm) Cu
- 50µ” (1,27 µm) Ni

**Wire:**
28 AWG 7/36 stranded Tinned Copper

**Temperature Range:**
-20°C to +105°C (Rainbow Cable)
-40°C to +105°C (Gray Cable)

**Contact (IDSS/IDSD):**
BeCu

**Terminal (IDMS/IDMD):**
Phosphor Bronze

**Current Rating (IDSD/TST):**
3.4 A per pin (1 position powered per row)

**Current Rating (IDMD):**
3 A per pin (1 position powered per row)

**Contact Resistance:**
15 mΩ

**Lead Size Range:**
(0.56 mm) .022” SQ to (0.71 mm) .028” SQ

**Lead Insertion Depth:**
(5.59 mm) .220” to (6.22 mm) .245”

**Insertion Force:**
(Single contact only)
4 oz (1,11 N) avg.
(0.64 mm) .025” SQ probe

**Withdrawal Force:**
(Single contact only)
3 oz (0.83 N) avg.
(0.64 mm) .025” SQ probe

**RoHS Compliant:**
Yes

**Note:**
This Series is non-standard, non-returnable.

**RECOGNITIONS**

For complete scope of recognitions see www.samtec.com/quality

**OTHER SOLUTIONS**

Molded-To-Position IDC Assemblies
- Low profile
- Skinny side locks
- Dual beam contacts
- Single and double row
- (3.05 mm) .120” and (5.84 mm) .230” length tail available
- Call Samtec for HCXX Series.

**Due to technical progress, all designs, specifications and components are subject to change without notice.**
IDSS, IDSD, IDMS, IDMD SERIES

EJECTOR HEADERS & LOCKING CLIPS

Optional polarizing key for use with IDSS & IDSD Series. Also polarizes SSW, SSQ, ESW & ESQ Series. Black High Temperature Thermoplastic

Order: Part Number PK-01-06 (Available in wheels of six each)

Optional polarizing key for use with IDSS & IDSD Series. Also polarizes SSW, SSQ, ESW & ESQ Series. Black High Temperature Thermoplastic

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.

Optional polarizing key for use with IDSS & IDSD Series.