30 Series

Modular Plugs
- Unshielded

Variations

Cable Openings

Standard Back for flat/oval cable
- 4-position: .110 [2.79]
- 6-position: .103 [2.62]
- 8-position: .142 [3.61]
- 10-position: .142 [3.61]

Radius Back (R) for round cable
- 4-position: .135 [3.42]
- 6-position: .135 [3.42]
- 8-position: .172 [4.37]
- 10-position: .172 [4.37]

Open Back (OB) for oversized cable
- 4-position: .144 [3.66]
- 6-position: .144 [3.66]
- 8-position: .190 [4.83]
- 10-position: .190 [4.83]

Keying Options

K1-Key

K2-Key

RMK4-Key

OST (MMJ)

Special Length

Longer body is ideal for overmolding. Provides more surface area for disconnect/reconnect.

Quick Reference Chart

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*Consult Stewart for specific details.
**Typical applications.
Note: Configurations shown are the most common for typical applications. For availability of other configurations not listed, consult Stewart. All dimensions are in inches with metric values in brackets.
MATERIAL: HOUSING-POLYCARBONATE, CLEAR.
TERMINAL-0.36(0.014) THICK PHOSPHOR BRONZE PLATED WITH 1.27μm(0.000050) THICK GOLD IN LOCALIZED GOLD PLATE AREA, GOLD FLASH OVER THE REMAINDER, OVER 2.54μm(0.000100) THICK NICKEL UNDERPLATE.

DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

3. PLUG WILL ACCEPT 0.74-0.99(0.029-0.039) DIAMETER STRANDED WIRE, 26 OR 28 AWG, WITH A 5.34(0.210) DIAMETER MAXIMUM JACKET.

TERMINATED DIMENSION 6.15(0.242) MAXIMUM.

PACKAGED 10 ASSEMBLIES PER BLISTER PACK.

PACKAGED 10,000 ASSEMBLIES PER CARTON.

PACKAGED 500 ASSEMBLIES PER CARTON.

PACKAGED 100 ASSEMBLIES PER BOX, 10 BOXES PER CARTON.

PACKAGED 25 ASSEMBLIES PER POLYBAG, 40 POLYBAGS PER CARTON.

SEE RESTRICTED CUSTOMER DRAWING 5-554169-5.

PACKAGED 100 ASSEMBLIES PER HEADER BAG.
Modular Plugs

Variations

Eight-Contact, Eight-Position Unshielded

Ten-Contact, Ten-Position Unshielded

How to Order


Contact styles
• 937 for stranded conductor
• 940 for solid conductor

Plating options (microinches Au)
• Leave blank for standard 50
• 06, 15, or 30 - Optional

Plating styles
• SP - Selective plate
• DS - Double selective plate

Series number

Other options (consult Stewart)
Keying options
• K1, K2, RMK4, OST (MMJ)

Cable openings
• Leave blank for standard back opening
• R - radiused back
• OB - open back

Number of contact positions
• 4, 6, 8, or 10

Number of contacts inserted
• 2, 4, 6, 8, or 10

Note: For information on tooling, see pages 92-94.
All dimensions are in inches with metric values in brackets.